

Title: Pennsylvania Beekeeper, vol. 20

Place of Publication:

Copyright Date: 1945

Master Negative Storage Number: MNS# PSt SNP aAg223.12

Volume 20, 1945

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THE PENNSYLVANIA BEEKEEPER



VOL. 20 NO. 1

MARCH, 1945



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The Pennsylvania Beekeeper

Official Organ of the Pennsylvania State Beekeepers' Association, Published Quarterly. Membership and Subscription Price inclusive \$1.00

PUBLISHED BY DIRECTION OF THE ASSOCIATION

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VICE-PRESIDENT John Hess, Mechanicsburg, Pa.
SECRETARY-TREASURER H. M. Snively, Carlisle, Pa.

The 42nd Annual Meeting
 of the

**PENNSYLVANIA STATE
 BEEKEEPERS' ASSOCIATION**

Room 321, Education Building,
 Harrisburg, Penna.

January 10 and 11, 1945.

Wednesday Morning Session.

Meeting was called to order by the President—Roy H. Herr, Lancaster, Pa.

On account of the absence of Rev. Good the Invocation was deferred until later.

Address of Welcome—Hon. Miles Horst, Secretary of Agriculture, Harrisburg.

Ladies and Gentlemen: My part on your program is a very pleasant one, it is to welcome you to Harrisburg, and I am, indeed very happy to do that. I am glad you have such a nice morning to travel to our city.

Your organization is indeed an active functioning organization. Your officers are going to bat for the things that bother your industry. I want to say this for the Department of Agriculture, that we are very happy to have this condition prevail. I have found out that in the administration of the Department of Agriculture there is nothing that is more satisfactory in dealing with any organization than when it has a well organized group in the industry, who

can speak for their people. I am delighted to say that down through the years, this last year as well as the former years, your officers have felt free to come in and they have told us what your problems are, and they have pleaded for the things they think will help your industry.

The thing I regret is that we are in a war that is getting more serious as it goes along and our one and primary object is to win the war and win it as speedily as possible, and for that reason we at the home front are called on to make a lot of sacrifices, and we do not always have things as we would like to have them.

I know one of your primary interests is to wipe out the disease that is causing such a heavy loss to your Bee Industry, and you look to us in the Department of Agriculture to do the inspection work and eliminate that disease. It has bothered us a lot not only to get men to do the inspection work but to find the means of getting the men to the various apiaries in the State. We have about 150 cars in our Department, and have purchased only eight new cars in the last two years, and those cars we have tried to place where the need was the greatest. We never consider scrapping any car that has under 125,000 miles on it, and when you realize that these cars are used by

so many different people at different times over the State you know what has happened to them. The car situation has been a particularly vexing problem to us.

We are also facing the problem of personnel. Maybe we are not doing the best job of hiring workers, but we are trying to do the best we can. In our Department, it is just as hard to get people as it is on the farm, or an industry, or anywhere else, but we have tried to do our best under war conditions. I think I can say that we are preparing ourselves now so that when normal conditions return we can take up your problems along with other problems, and try to solve them with a greater amount of efficiency. We have about \$300,000 more for the coming biennium than the previous one. Part of that amount is required to make up for increase in salaries for the Department, but not all, by any means. We are looking forward to trying to perform our respective tasks better after the war than we are doing now.

I hope that the friendly relationships your particular Association and the Department will continue, and that your officers and your committees delegated to contact us will feel free to confer at any time regarding your work.

I think it is a satisfaction to you, it is to us at least, during this trying period we have been able to hold the Foulbrood disease down, but I will not go into any details, because Mr. Kirk, who follows me, will give you information along that line. The thing that gives us satisfaction is that we are holding the disease in check and the records, as I recall them, show that we are making progress even under these trying conditions. Our whole job in the Department of Agriculture centers around the control of disease in animals and plants, and of course bees come under the Department of Plant Industry. Most of the cattle of Pennsylvania are under regulated supervi-

sion for tuberculosis, and about one-third of them under supervision for Bangs Disease. We are working with DDT, which seems to be a very effective insecticide.

We are trying to build up our markets for the new post war period. I cannot tell what turn things will take—I am no prophet—how new conditions will effect the marketing of your products I don't know, expect in a general way. I believe that in the post war period we are going to be faced with keen competition, and it will probably be more

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keen than before. There have been discovered many new methods of processing, there will be many improvements in transportation after the war and improvements in the way of freezing, packaging, and dehydrating. We want to try to get for all of you all that we possibly can in the furtherance of the beekeeping industry. If we can be helpful to you in any way, we want you to call upon us and tell us what your needs are, and we will do what we can to help out.

Response—E. B. Everett, Allentown.

Mr. Secretary, on behalf of the Pennsylvania State Beekeepers' Association, I want to express our gratitude not only for your courtesy in furnishing us with the accommodations this year but the other years we have worked with you. Some of us, who knew you before you were Secretary of Agriculture, know how closely you followed our work, and we have good reason in the last year or two to feel more strongly than ever that we have the best Secretary that we have ever had in the Department of Agriculture.

Some of us feel discouraged about Foulbrood, but we feel that we are receiving co-operation in the way of inspection from our State inspection service and Secretary. I feel that Pennsylvania has the best Secretary of Agriculture in the United States. I say this in knowing others in oth-

er States, have no hesitancy in making strong statements in favor of their state service. Some of us feel a bit annoyed that we are deprived of our Farm Show. It was one of the most stimulating experiences and entertaining features in connection with this Farm Week. I remember the boys who helped to set up the last exhibit. Some are in the South Pacific. One is just finishing his training in aviation and will soon be on his way to the Pacific. Many of you know boys of that sort who cannot be with us now.

We are in an industry where something more than selfish interest is attained. We are working because we enjoy this particular kind of work, and many of us are becoming conscious of the service we can render in other lines of agriculture, especially pollination. We get quite a bit of co-operation through the National Government in Washington, but most of us have a much more affectionate regard for the co-operation we are getting from the State, where we have a greater degree of intimacy and a better understanding. I know, then, that I speak for this group when I promise the Secretary that he is going to get from the beekeepers as much co-operation as is possible during the coming year. The officers are going to stay with the Department as far as they can, and we know the Department is going to do all they can for us.

Invocation—Rev. H. M. Snively.

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APIARY INSPECTION PROGRAM IN PENNSYLVANIA

By H. B. Kirk, Senior Entomologist

Our program this past season called for the employment of 20 field inspectors, and the inspection of the middle counties as far east as the Susquehanna River.

Owing to the difficulty in obtaining inspectors the past two years, we were unable to complete the western section in 1943, and consequently had a number of unfinished counties in this section together with the entire middle section to inspect in 1944.

We still have about half of the middle section, together with three counties in the western section, which must be inspected. All unfinished territory will be inspected first, and then we will work east as far as the number of available inspectors will permit. Every effort will be made this coming season to employ all competent inspectors and keep disease under control as much as possible. We plan to use as many inspectors that can be obtained for the full five month period. Owing to unfavorable weather conditions, it has been found impractical to inspect bees outside of the regular season which is from May 1 to September 30.

A lot of extra time and travel was necessary to contact and check on the qualifications of the persons whose names were submitted to us from various sources last season. The same difficulty will be experienced

this season, and the Department solicits the help of anyone who can assist us in obtaining the necessary persons to do the job this year.

The greater proportion of inspectors employed last season was those who had no previous experience and, besides, most of them wanted to work in the county in which they lived. New inspectors can't do the same kind of work or cover the ground that experienced inspectors can. While we employed two more inspectors in 1944 than we did in 1943, we were still unable to cover as much territory owing to the limited amount of time given to the work by some of the inspectors. We will have the same difficult conditions this season, and the names of all prospective inspectors should be submitted to us as soon as possible.

This past season, 4,227 apiaries representing 27,258 colonies of bees were inspected. Out of this number, 686 apiaries containing 1,962 colonies of bees were infected with American Foul Brood. In other words, 1 out of every 14 hives examined was infected with this disease.

There were 549 colonies in cross-comb hives and 197 in box hives, a total of 746 colonies in illegal hives, or 1 in every 36 hives inspected. There were 7 colonies of bees infected with European Foul Brood, and 137 colonies infected with Sac Brood. Altogether, 1,437 colonies of bees were burned by the inspectors the day of inspection or within a short period thereafter. There were a good many colonies treated or transferred by the inspectors. The

beekeepers themselves transferred or destroyed those colonies not disposed of by the inspectors.

A general summary of the above figures indicates that while we still have a number of illegal hives, most of these are in cross-comb hives and not difficult to correct. The box hives are few and can either be burned or shaken and united with other colonies. The amount of Sac Brood and European Foul Brood is almost negligible. It remains that American Foul Brood is still our chief concern.

There are, generally speaking, 3 types of beekeepers our inspectors have to work with. Beekeeper No. 1 maintains all his bees in modern movable frame hives, makes periodical inspections, and eliminates all diseased colonies as soon as they are found. He assists the bee inspector to make the inspection so he can be sure no diseased colonies have been missed. This is a pleasant job for the inspector and the job can be done thoroughly and promptly. Beekeeper No. 2 also maintains his bees in modern hives; is in favor of inspection but is content to wait until the inspector comes around to make the correction. It usually means extra hives to burn, consequent lost time, and a dangerous source of infection in the meantime. Beekeeper No. 3 maintains his bees in hives of his own liking, does not believe in inspection and causes the inspector to waste a lot of valuable time. He is also a source of infection in the neighborhood. We still have all 3 types in the State at present to deal with. Luckily, our State Bee Law covers all types of beekeepers and all kinds of illegal conditions.

The only suggestion that I might offer in connection with any change in the Bee Law is that the inspector should have the right to determine

whether a bee colony affected with disease is amenable to treatment or not. In this way more colonies could be burned on first inspection, which, under the present law the beekeeper has a right to hold for treatment later. Probably the presence of more than 25 infected cells to a colony of bees should make that colony not amenable to treatment.

As to methods of control, I can only repeat many recommendations made from time to time.

In the first place, every beekeeper should periodically take time out to thoroughly inspect his bees for disease. If he find disease he should get rid of it at once.

If you are doubtful anytime about the identity of disease, send samples to the Harrisburg office for examination.

Be careful at all times in procuring secondhand equipment. Never use drawn combs or honey from an unknown source. If you use secondhand equipment, sterilize all hive bodies, tops and bottoms, melt all old combs and boil frames before using.

Keep your bees in such shape that the inspector will be able to complete his job of inspection in the least possible time.

Induce all your neighbor beekeepers to join the local and State associations.

Let all of us contribute some effort to better beekeeping conditions and place the State on the level it properly deserves.

The President appointed the Auditing Committee as follows:

Frederick Hahman.

Floyd Sandt

Allen Trainer

W. G. Singer

Also the Resolutions Committee:

Thomas Burkey

Elmer Russell

Prof. E. B. Everett

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THREE-BAND ITALIAN, HARDY AND GENTLE

CRENSHAW COUNTY APIARIES, Rutledge, Ala.

County	No. of		Cols. A.F.B.		1944		E.F.B.	Sac	C. C.	Box	Cols. Burned	Days Worked	Mileage
	Apiaries	Col.	Insp.	Apiaries	Cols.								
Armstrong	145	711	711	8	32			3	60	3	34	19	1016
Bedford	216	1647	1647	13	30			1	4		87	37	2411
Berks	5	225	225	1	4						4	1	63
Blair	311	1355	1355	18	27			17	65	8	49	49	1899
Butler	373	1719	1719	86	187				112	12	68	50	2437
Cambria	19	88	86	1	1				4		74	5	173
Clearfield	372	3063	3063	103	328			20	16	4	162	75	3073
Crawford	277	3557	3557	78	190	4			7		40	9	541
Dauphin	65	497	497	7	47						72	21	971
Elk	112	688	688	45	139				5	8	39	25	1879
Erie	121	892	892	23	65				9	9		30	1271
Fulton	132	891	874					24	38	7	1	35	1825
Huntingdon	246	1456	1456	6	12			71					
Jefferson	4	100	100										
Lancaster	2	35	35	1	23						23	1	90
McKean	212	1585	1585	55	195				46	89	190	43	2684
Mifflin	221	1212	1212	18	70						56	23	1451
Perry	4	64	64	1	1						1		
Somerset	611	3250	3190	48	107								
Venango	355	1603	1603	116	307		1	1	90	41	129	58	4132
Warren	177	1295	1295	48	186		2		80	1	120	46	2346
Washington	247	1404	1404	7	11				13	15	106	29	1841
Total	4227	27337	27258	686	1962	7		137	549	197	1438	659	36400

Year	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
Weeks of Inspection.....	138	85	169	133	131	115	202	188	155½	127	109
No. of Inspectors.....	10	7	11	10	11	11	14	13	9	9	11
No. of Apiaries.....	5364	3116	6510	4836	4966	4451	8923	8077	6778	5673	4227
No. of Hives in											
Average Apiary	6.7	7.1	6.0	7.0	7.0	8.0	6.0	7.0	7.0	6.0	6.4
No. of Colonies											
Inspected	36185	23727	38722	34528	36323	35055	52837	54274	46999	35186	27258
Disease Percentage	7.8	6.6	9.7	9.0	7.0	9.0	8.0	6.7	8.0	9.0	7.1
Percentage in											
Unlawful Hives	9.5	8.7	6.4	7.6	5.0	5.1	6.4	7.0	3.6	3.8	
Colonies Burned	2275	426	2356	1599	1428	2277	3915	3500	3039	2896	1438
Prosecutions	9	1	0	0	0	2	4	1	0	0	0
Paid Fine or											
Served Time	5	1	0	0	0	2	3	1	0	0	0
Applications for Lic. for											
Selling Queens	8	14	10	10	11	11	14	0	9	12	6
Licensed Queen Apiaries..	8	14	9	10	11	10	14	12	8	12	6
No. of Days in Field.....				799	786	689	1213	1131	933½	761	659
No. of Miles Travelled.....				54923	50374	39886	18175	77217	63596	46155	36400
Average Colonies Examined											
per Day per Inspector.....				43	46	53	44	48	50	47	41
Examined per Day											
Average Colonies	456	495	482	616	624	450	423	451			

HOW MUCH SHALL I INVEST IN A COLONY OF BEES?

John M. AMOS
Extension Apiarist
Pennsylvania State College

The amount of money which a person has to invest in bees usually determines the number of colonies which he will possess. When making an investment in bees, several factors should be studied among which are the kind of brood chamber used, whether single or double, and the type of supers to be used, whether full depth or shallow extracting supers. The cost of producing a pound of honey is governed to certain

degree by the equipment used and the efficiency with which it is handled. There are too many beekeepers who mix their equipment when keeping bees and do not have enough on hand ready to adequately care for the needs of the colony. The purpose of this presentation is to help clarify the need for uniformity of standard equipment in the apiary because it is cheaper and permits efficient management of each colony.

Let us consider for a few moments the cost of a colony of bees in various types of equipment using two brood chambers for extracted honey production.

Parts of Hive	Std. Hoffman Full Supers	Std Supers (5 11/16")	Std. Supers (6 5/8")	Mod. Dadant
	Cost	Cost	Cost	Cost
Outer cover	\$ 1.40	\$ 1.40	\$ 1.40	\$
Inner cover .....	.40	.40	.40	
Bottom board .....	.80	.80	.80	4.60
Hive body .....(5)	7.50	(2) 3.30	(2) 3.30	(1)
Brood foundation	6.45	2.80	2.80	2.20
Supers		(5) 5.25	(5) 6.25	(5) 6.80
Super foundation		3.75	4.50	4.50
Wire .....	.25	.25	.25	.25
Queen excluder .....	.65	.65	.65	
Total	\$17.45	\$18.60	\$20.35	\$18.35
Accessories and bees.....	8.50	8.50	8.50	8.50
No. of pieces to assemble....	405	497	547	513
Super space	150 lbs.	150 lbs.	165	175

It is generally recognized among commercial beekeepers that each colony should have the equivalent of three hive bodies for the storage and ripening of nectar. When full depth Hoffman supers are used, the cost of a colony minus the bees, assembling and painting the hive is about \$17.50, excluding accessories, such as smoker, hive, tool, gloves, and veil, which will cost approximately \$3.50. This makes a total cost of \$21 without the bees. If a three-pound package is installed, the total cost of a single colony is around \$26 for the first colony and about \$21 for each additional colony up to the point that large quan-

ties of hives are being used and a reduction for large orders is given. Present conditions do not encourage large orders of equipment and there are only small reductions in cost for such. The use of full depth supers offers many distinct advantages in operating a colony of bees over shallow supers (5 11/16") or those with the Modified Dadant depth (6 5/8"). It is a dollar or slightly more cheaper per colony. All hive sections are interchangeable. This is a factor that cannot be ignored in swarm control, if a small amount of labor is to be used in operating each colony. Less labor will be required in assembling

the equipment for the number of pieces to be handled is less. One should be able to assemble six full depth colonies and supers in the time required to assemble five double brood chambered colonies with shallow frame supers. The time spent in operating full depth colonies will be less and especially so during the honey extraction. The chief disadvantage to full depth supers is their weight during the honey harvest. If operations are timed properly, excessive moving of heavy supers can be reduced a great deal and kept to a minimum.

The use of two full depth hive bodies for brood with shallow frame supers or the Modified Dadant depth offers only one distinct advantage over the uniform equipment discussed previously and that is, less weight to handle at harvest per super but more supers must be handled to care for the crop. The use of shallow supers increases the cost of production and the original investment. Using only two hive bodies in a system for extracted honey production limits swarm control management to a certain degree much in the same manner that swarm control is limited by a single brood chamber due to the fact that supers and brood chambers cannot be interchanged.

The Modified Dadant hive is large and cumbersome and has the same disadvantage in swarm control as the single brood chambered Hoffman col-

ony, namely, not easy to manipulate for swarm control and the supers, when well filled, are nearly as heavy as the full depth Hoffman supers. The investment in this colony is more than a similar brood chambered Hoffman hive and has few, if any, advantages over it.

Discussion of the eight-frame hive is not included herein because most manufacturers of bee supplies charge as much or very nearly so for the eight-frame as for the ten frame and the beekeeper receives only eighty per cent as many frames for his money.

In 1945 package bees, if available, will cost about four dollars for a two-pound package and five dollars for a three-pound package, F.O.B. Transportation will add from forty to seventy-five cents more. The likelihood of securing quality package bees with good queens has diminished under present conditions which reduces the chances of getting a colony successfully established from this source. Yet this is the best way for beginning beekeepers to get introduced to beekeeping free from disease troubles. To the person who has bees and desires an increase in colonies, the solution to this problem is to make increase from his present stock. It might be possible to get queens in June, but if not, queen cells from your own apiary may be given to large nuclei. Colonies may be started with five to ten frames of brood

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from two or three colonies about the first of June. Under no condition should frames of brood be changed from hive to hive where American foulbrood is present or was found in the apiary in the past two years. Units started in late May or early June often produce surplus honey the same year in areas where there is a good flow of nectar from buckwheat, goldenrod and asters.

According to the motion at last year's annual meeting, the officers selected the President, Roy Herr as delegate and E. J. Anderson as alternate, to represent the State Association at the National Federation Meeting of State Beekeepers Associations to be held the 14th, 15th and 16th.

A motion to sustain the above selection was made and carried.

A motion was also passed that whatever expenses be incurred at the above meeting shall be taken care of by the Association.

By the President—Our Secretary called my attention to the fact that our friend Mr. Fleck will not be with us this season. He is at Beverly Hills, California, he arrived there December 12 and his address is 470 Daniels Ave., Beverly Hills, Calif. He says he may attend the California state meeting and sends kind personal regards.

FOR SALE: Fifty (50) colonies of bees in standard 10 frame hives. All have 2 to 5 supers on them. Practically all new Lewis, Dadant and Root equipment. Certificate of inspection furnished.

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REPORT OF THE AUDITING COMMITTEE

"Harrisburg, Pa., January 10, 1945

We, the undersigned Auditing Committee, have audited the records of the Secretary-Treasurer and find as follows:

Cash in checking acct., Farmers Trust Co., Carlisle	\$ 78.29
Cash in savings acct., Farmers Trust Co., Carlisle.....	188.34
United States Bond.....	2,000.00

Total\$2,266.63

Respectfully submitted,

Frederick Hahman

Floyd H. Sandt

H. G. Singer

P. C. Trainer"

Motion was made, seconded and passed that the report of the Auditing Committee be accepted.

REPORT OF THE RESOLUTIONS COMMITTEE

"Harrisburg, Pa., January 11, 1945

Resolved that:

1. That the War Production Board be asked, in behalf of the beekeepers of the nation, that the necessary beekeeping equipment and supplies which are essential to the war effort, and that a good grade of lumber in sufficient quantities, be given priority sufficient to make available reasonable supplies for the beekeepers when they are needed.

2. That an appeal be sent out to

the members of our association that they make every effort to interest eligible bee-inspectors and submit their names to the Secretary of the Department of Agriculture, Harrisburg, Pa.

3. That beekeepers pay particular attention to the poisoning problem, because of the value of bees in pollination, when they have bees in orchard areas or when they move bees into orchards. It is recommended that they promptly move their bees or take such measures as are necessary to protect the bees.

4. That the beekeepers and packers, in view of the present conditions, be asked to get their orders to the supply houses and bottle manufacturers early, in order to assure the filling of these orders and their early delivery.

5. That the Department of Agriculture continue and intensify the program of inspection, and aim to re-

duce the percentage of the number of colonies which have American Foulbrood to a figure of 2 per cent or less, in order to make it profitable for the average beekeeper to continue in the industry.

6. That the Secretary convey our sympathies to the bereaved families of those members of the Association who have died during the year.

7. That we express our grateful appreciation to the Farm Show Commission for the excellent accommodations provided during the entire meetings.

8. That this Association go on record as approving the new building for research in beekeeping, as it is described in the "Proposed New Buildings of the School of Agriculture," and that we approve and commend the work done by Prof. Edwin J. Anderson and ask that this work be continued, and that the Dean of the College of Agriculture, and Dr.

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F. F. Leininger be commended for their efforts in our behalf.

9. That the Pennsylvania State Council of Farm Organizations be notified of our appreciation of their favorable action and interest in the beekeeping research work at State College.

10. That this Association go on record as approving a wide mouth 5-pound jar for the packing of chunks of honey, and instruct our delegate to the National Federation of State Beekeepers Association to bring this to their attention.

11. That this association oppose the use of the term "Apple Honey" in any advertising matter, unless Apple Blossom Honey is indicated.

12. That the thanks of this Association be expressed to Dr. W. E. Dunham for his part in making our 1945 meeting a profitable and successful one.

13. That the thanks of the association be expressed to Mr. D. C. Babcock for his contribution in making our meeting a success, and especially for showing the film "The Useful Bee."

Thos A. Berkey
Elmer F. Reustle
E. B. Everitt

Motion was made, seconded and carried, that the Report of the Committee on Resolutions be accepted, each resolution having been passed on separately.

Motion was made, seconded and

passed, that the beekeepers express their appreciation of the efficient execution of the 1944 inspection program.

On motion, it was agreed that we continue membership in the Pennsylvania Council of State Farm Organizations and that we pay the membership fee of \$5.00 on receipt of bill for same.

SUGGESTIONS OF POST-WAR PLANNING

By E. J. Anderson

I have reviewed the report of the Pennsylvania Post-War Planning Commission and have decided to add a few suggestions to those of the commission.

(1) That low growing legumes be planted along the burm of new highways.

(2) That honey producing trees such as tulip poplar, locust and basswood be planted where possible and profitable.

(3) That sweet clover be planted on strip mining residue piles and banks of creeks where they have been widened. This would enrich the land where sown.

(4) Development of artificial lakes keeping flood control and recreational centers.

On motion it was agreed that the Secretary send a copy of these rec-

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ommendations to the Commission with a request that they be given a favorable consideration.

Mr. Anderson stated that this would help post-war unemployment problems and provide wholesome recreation centers for the physical development of our youth.

I am glad to report that an appropriation will be made sufficient to greatly improve the bee inspection work, to begin July 1st, and to cover a period of two years.

There is a possibility of the war being over in the next two years when even more money will be available for the following year. It will be appropriated to carry on quite an extended apiary program along the line of the control of disease.

It was suggested by Leonard Good that contributions for research work might be helpful for the program.

Mr. Anderson replied that he greatly appreciated the financial help given the college last year. He added further that if any of the associations get a little flush and feel like contributing, they will be helpful and greatly appreciated, when we get an apicultural building.

COMMITTEE REPORT ON BEAR SITUATION

Mr. John Hess

"The Bear vs. Bee Problem"

After instances of destruction of bees by bears had been called to our

attention, I was appointed on a committee with several others to discover what we can do to protect the beekeeper and his interests from this menace. After quite a discussion with members of the Game Commission I can report that we have not had time to draw up any definite resolution or recommendation, but this is what I found:

I find there is not much to be done to help the beekeeper since he must keep his hives within 300 yards of his residence or other agent in charge of them. Unfortunately several years ago some so-called beekeepers supposedly discovered that the State would pay damages on bees destroyed by bears. These individuals would take a few colonies of bees in the vicinity of the bears and the bears would get to them and destroy them and then the owners would collect from the Game Commission.

We hoped to get some change in the law regarding the 300-yard limit whereby the beekeeper, by asking special permission from the Game Commission, could get his bees moved to more distant places. Mr. Gordon presented this problem to the supervisors, of which there are eight. They finally turned it down because the supervisors felt they would be taking over a lot of headaches.

I went to Mr. Horst who said he also has been fighting for the interests of the farmers from the standpoint of deer damage.

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Mr. Horst said that if the beekeepers decided to try to get a law through whereby we could get some relief from the bear situation the Department of Agriculture would help where it could. We feel that the beekeeping industry is suffering at the hands of the sportsmen. During bear season which is only a few days, the hunters shoot the bear and that is the end of their value. The beekeepers on the other hand loses his means of income for one or more years. As long as we have that situation—and there are some sections of the state where it is impossible to keep bees even within 300 yards of the house—it is curbing the interest in beekeeping. Many beekeepers have said "as long as they are going to protect the bear we will not go into the bee business." This means that we are not going to be able to supply bees for the pollination of clover, fruit, etc., in areas where bear are found.

I was hoping we could get Mr. Gordon here, but Mr. Sheaffer has consented to come over at 2 o'clock and will answer questions. The Commission does pay out quite a little damage, although they cannot pay out more than \$3,000 a year for all type of damage.

There are some basswood regions in the state where bees can not be kept because of bear.

It has been suggested that an electric fence enclose the bees.

I understand there was one man in the state who had built himself a pretty foolproof bear fence, and yet he would not say it was really foolproof. You will find if they don't get through the fence the first time they will back up and try it again.

Q. I am not a nimrod and don't go out shooting bear, but I have seen bear being brought in in crates and released and let run up the mountain. I believe the Game Commission should keep the bears where they are, they should not bring bears into the counties where there are no bears.

Q. Is there any law against building the fence yourself and then trapping the bear?

A. I am afraid you can put up the fence but not trap bear.

Q. We are also finding that certain areas of the state are favorable for producing both buckwheat and clover seed, and if we cannot use the bee for pollination on account of danger of destruction by the bears there is no use in expanding these possibilities.

A. It would resolve itself into cutting out the bee industry or extending the bear season and decreasing the bear population.

WEDNESDAY AFTERNOON SESSION

Report of Secretary-Treasurer,
H. M. Snively

Motion was properly passed that the report of the Secretary-Treasurer

Again we offer Hollopeter Reared Italian Queens

We select the best honey producers from each apiary, bring them in to queen rearing yard and breed from the best honey storers which are all right in other respects. Untested queens ready around May 20th depending on lateness of spring. Untested queens until June 15th. Each \$1.50.

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Rockton Pa., L. B. 180

be accepted subject to the Auditor's Report.

Mr. W. S. Sheaffer, head of the Law Enforcement Division of Game Commission was introduced by Mr. Hess. His address follows:

Mr. Chairman, Mr. Hess, Ladies and Gentlemen:

When a group of beekeepers get together someone says things buzz, and probably I will be buzzing, too, before I get out of here. I represent the Game Commission and the Division of Law Enforcement. One of our investigations is the Bear Damage Law to poultry, livestock or to bees. We have a definite problem in our work. I brought with me sufficient copies to provide each member with a copy of the Bear Damage Law, so you will have it to take home.

The law requires that a report be made by a beekeeper who suffers loss through damage by bears within twenty-four hours, also within a period of ten days you must present such claim stipulating in writing the circumstances surrounding the killing of the bees, surrounding the crop, or the herd.

The officers under the law are required to visit the owner of the bees to ascertain as to the cause of the destruction. If they are satisfied the claim is a fair one that covers the interest of the Commonwealth and the beekeeper as well, then the beekeeper can be reimbursed. I can honestly say to you that we have tried to be as liberal and as fair in the dispersal of this fund as we can under any conditions. We must satisfy ourselves that the amounts are

within reason and the circumstances justify the payment of the claim. We have not adhered strictly to the twenty-four hour provision. We must, however, make definitely certain that that claim was placed in the mail within the period of ten days following the occurrence of the loss. We must examine each of these claims and satisfy ourselves that they have met the legal requirements. If you allow a claim to go twelve or fifteen days, that claim cannot be recognized. We must in turn submit the claims to the Auditor General of the State.

The problem that you have before you is in relation to the damage done to bees by bears, and how we can best approach some method of helping you folks. Before taking up that subject I would like to give you a summary of expenditures of the bear damage fund. In twenty-three months since January 1, 1942 to December 1, 1944, 405 sheep were killed, 189 bee hives and contents were damaged and paid for, and 6 cows and calves were destroyed. One hundred thirty-nine persons were compensated in that period and \$2,603.55 was paid out for the purpose of reimbursing those concerned.

These statistics at least give you some idea of the types and classifications of damage resulting.

Mr. Hess recently visited with me in my office and at that time we discussed the possibility of providing some type of barriers or whatever system we can find to stop this depredation of the bees. We know you have a problem since there are fourteen to sixteen counties subjected to almost continued damage by bears. Following Mr. Hess' visit I put in-

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quiries out to determine if anyone has been able to discover any means that would protect the hives from the bears. I have not been able to get one single solution to the problem. I have two theoretical suggestions by fellows who believe their theory will work. During the coming year we are going to try out one or more ways to determine whether we protect your bees and the beekeepers' property.

The electric fence has proven only partly successful. Some bears will go up once and get a shock on the nose from the electric fence and then walk away. Others will back away and then return with extra force and go on through.

Frankly I can't furnish you with a single solution. I wish I could bring you something tangible. We are open for suggestions and I am here to answer any questions. I have tried everything which has been suggested except from this one officer from Potter County, and I am anxious to see if his plans will work. It will take a season to test it, and we must have a man on the job all the time to check.

Anything you might have to suggest that you think might work, we will give every consideration possible. If it requires field investigation we will give it that also, and the net result of the investigation will surely be passed on to you.

OBITUARY

Two of our leading beekeepers responded to the call of the Great Reaper during the month of January.

Mr. William Glebe, who has lived in the Delaware Water Gap for a number of years, died from a stroke early in January. Mr. Glebe was a druggist in his younger days. About 1928 he moved to the Delaware Water Gap where he built a very attractive roadside market and engaged in farming and beekeeping. His efforts were of such quality that he was awarded a Master Farmer rating by the "Pennsylvania Farmer." Soon after arriving at the Gap he became quite active in civic affairs taking a leading part in crippled children's work and Masonic activities.

Mr. Glebe was State Apiary Inspector in Pennsylvania for about three years and assisted with apiary extension work in New York state. He took a leading part in agriculture until failing health caused him to retire from the more strenuous activities.

Mr. Charles Hess of Rothsville also died in January. Mr. Hess had been Justice of the Peace and a beekeeper most of his life. He was active in developing and working with the County Beekeepers Association for quite a number of years. He served as a Deputy Apiary Inspector for several seasons and as Secretary of the State Beekeepers Association for one year. Failing health also caused Mr. Hess to retire from the more strenuous types of work. Mr. Hess leaves a family of several children.

REPORT OF ANNUAL MEETINGS, THE NATIONAL FEDERATION OF STATE BEEKEEPERS ASSO- CIATIONS AND ALLIED BEE- KEEPING ORGANIZATIONS

Hotel Morrison, Chicago, January
14-16, 1945

The national meetings were attend-

ed by nearly two hundred persons from all parts of the country. Pennsylvania was represented by its Association President, Roy H. Herr as delegate, and by Prof. Edwin J. Anderson as alternate. At certain times more than one group were in session at the same time. However, each session of the Federation was attended by at least one of the above named men.

New policies were adopted this year, with a view toward providing greater services to its membership and at the same time making the Federation a more potent organization. The new provisions include a membership consisting of two classes—namely individual and association. Any organized beekeeping association or society, state, county or otherwise may become a member upon application and acceptance by the Executive Committee of the Federation. Annual membership dues shall be a minimum of five (5) cents per member for each beekeepers association affiliated with the Federation, with a minimum fee of five (5) dollars for any group. Individual membership dues shall be \$5.00 for each person joining.

At the annual meetings, each delegate of affiliated associations and all individual members have equal voting privileges, except that "delegates of the member associations from each region shall elect one of their own members to act as regional representative on the Executive Committee."

At the Chicago meetings, it was reported that thirty-five states are now affiliated with the Federation. Under the new arrangement the delegates from member associations will,

of course, be permitted to bring with them the proxy votes of paid up (\$5.00) individual members. The Federation anticipates 400 individual members. It is hoped there will be a number from Pennsylvania who will wish to join.

Federation officers elected for 1945 are Mr. John W. Holzberlein, Jr., Grand Valley, Colorado, president; Mr. Woodrow Miller, Colton, Calif., vice president; and Dr. V. G. Milum, 104 Vivarium Bldg., Champaign, Ill., is being continued as secretary-treasurer. It was hoped that a full time executive secretary could be hired, but the man in view has since found it necessary to decline because of his health. Dr. Milum will be able to devote part time during the school months and full time during the four summer months to the work of the Federation.

The Executive Committee shall consist of the president, vice-president, and one representative from each region of the Federation. The United States is divided into the following regions: (1) the West Coast and South-West States; (2) the Inter-mountain and Great Plain States; (3) the North-Central States; (4) the New England and East Coast south to West Virginia; and (5) the 12 states of the Southern Beekeeping Conference.

The following were elected to serve as regional representatives from their respective regions:

Region 1—Woodrow Miller, Box 12, Colton, Calif.

Region 2—Ralph Barnes, Oakland, Nebraska.

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Region 3—Oscar Schmidt, R.R. 4, to be effective in the control of A. Bay City, Mich.

Region 4—Roy H. Herr, 230 Abbeyville Rd., Lancaster, Pa.

Region 5—G. G. Puett, Hahira, Ga.

These five men represent the Federation on the Beekeeping War Council.

The Beekeeping War Council consists of two members from the National Honey Association (Packers); two members from the Bee Industries (Bee Supplies) and five members from the Federation (Producers). The Council annually elects a Washington committee of three men to represent the industry at Washington. The Federation is represented on this committee by its secretary-treasurer. Roy H. Herr from Region 4 was designated to act as alternate representative on the Washington committee at such times when the secretary-treasurer is unable to make the trip.

Many interesting papers and reports were presented by the heads of committees. These committees included: Honey Plant Improvement, Honey Quality, Research, Beekeepers' Rights, Uniform Caps for Containers and Convention Resolutions. It is assumed that the Bee Journals will carry reprints of most of these reports and so I shall not enlarge upon these items here except to say: 1. That considerable time was devoted to the question of intelligent use of spray poisons including the need for education in the use of the newer, more powerful materials. 2. In the Bee Inspectors' meeting, it was emphasized that publicity should be restrained on drugs which are claimed

to be effective in the control of A. F. B. until their value has been definitely proven. 3. In the meeting of Research and Extension Apiculturists it was pointed out that Pennsylvania is one of very few states which has made progress in the professional field of beekeeping.

The Federation plans to send out a monthly news letter from the Campaign office beginning about the middle of February. These letters will be distributed to the secretaries of member associations and to individual members. It is the intention of the present officers to have the work of the various committees continued and from time to time have progress reports released for distribution to the membership.

Your president appreciates having had the opportunity of participating in the activities of the national meetings, which incidentally, included the function of chairman of the Auditing Committee. The meetings closed, I think, in an amiable spirit of general agreement, and in the confidence that the Federation will increase its functions and influence to become the organization the American Beekeeping industry needs.

Roy H. Herr, President

A WORD FROM ENGLAND

Police Station,
Edmundbyers,
Shotley Bridge,
Co. Durham, England
January 23, 1945

Dear Mr. Anderson:

Both of your letters and one packet of bulletins came safely to hand and I must thank you very much for your

kindness in bothering to send them on. I also owe you an apology for not having answered your letters sooner. You will no doubt be thinking me a very poor person to correspond with, and as things have gone recently you would be perfectly right in thinking along those lines. I will try and explain myself and answer your request at the same time.

On the arrival of your first letter, at the first opportunity, I inquired at the Head Office of the G.P.O. for this district, about sending seeds of the heathers to you in America. After the point had been looked up in the book of words, I was informed that I could not send seeds abroad, even though they cost nothing to grow and took no man power cultivating them. I was, however, told that I might try the Customs Authorities on this point. I did so, and after much delay, was informed that I needed a license to export, a costly business. In the meanwhile, another matter cropped up in our homelife, which I am afraid drove away all thoughts of bees and the like for many weeks. Nothing less than the birth of our first born, a daughter.

With regards to the seeds, I was not sure whether the heathers were propagated by seed or root. I find that it is possible both ways. What I propose to do for you is this. As soon as the ban is lifted on exporting seeds, I will get you a good parcel of seeds of the Ling-true heather—*calluna vulgaris*, and of the Bell Heather—*erica civeana*. There is a third, Cross Leaved Haeth (*erica tetralix*) but I have never seen the bees work this one, nor have I heard of it being worked. It is not very

prevalent, in any case.

Heather honey (ling) is amber in color, with a lovely glow and sparkle about it, when in a pure state and well ripened and carefully bottled. I should imagine your buckwheat honey is somewhat like it for color. The honey from the bell heather is popularly supposed to be port wine color. I cannot say. I cannot say to ever having had any of the pure product. The season would have to be exceptional before we got any one of them pure in this district. The bell heather comes into bloom three or four weeks earlier than the ling and lasts practically right to the end of the ling season. Most years, the crop of honey we do get and which we call heather honey, is, I imagine, a mixture of many sources. Late clover, bell heather and ling, the latter predominating. One year I got some pure ling honey. I had the bees right out on the moors on thousands of acres of heathers. The carry to get them there was terrific and has not been repeated since I make do with what the bees get me without so much exertion on my part now. The heathers are a very chancey crop, too. Some years they yield in the forepart of August, others it is into the middle of September, and others either not at all or the weather is too bad. Ling honey does not granulate and has to be pressed in special presses, somewhat similar to your wax presses. Bell heather you can extract in the usual way. The general run of crops from the heathers is a good one in about every seven years. The last really good one was in 1933, our next, you will see, is long overdue. In 1933 the ling yielded, so lavishly that the bees and the beekeepers

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just about did not know what to do with it, until it came to selling it of course. Mediocre stocks that season gave good surpluses, but the general rule is that only very strong stocks get any worthwhile crop.

The heathers, as a plant, require a land which I don't think I can better describe than did a correspondent in *The Scottish Beekeeper*, some years ago. It grows where there is no real soil, but on a peat, which consists of decayed remnants of bog or sphagnum moss. There is no lime in the peat, it is a sour spongy mass, sodden with brown water, rich in organic matter.

As I remarked previously, the heather is propagated by seed and root. Over here, the heather (old) is burned over every six or seven years, or should be, oft-times not, and the young plants spring up on the burnt over ground, one to three years later. It all depends on how old the heather was before being burnt off. The older it was, the longer the young plants take to show through. Even then, the plants are about three years before they reach the flowering stage.

Your news about the shortage of honey with you, give us some consolation over here. It happened nearly everywhere in the British Isles. There are exceptions of course, but reports generally are of light or no crop.

The tip about the practice of queen

breeders over there, reminds me of a system of feeding advocated by Samuel Simmins years ago, in his book, *A Modern Bee Farm*. He used hanging feeders, similar to the Doolittle. Poured dry sugar in and added a slight amount of water then let the bees get on with it. He, too, recommended the method for nuclei or small colonies, because it did not encourage robbing.

While you are hoping to try out the heathers, I am trying to encourage the local farmers to sow and grow sweet clover. I tried it out in the garden and it seemed to do well. The bees worked it well. I am hoping to try out lucerne and buckwheat this year.

I shall be very happy to keep you posted with the news of beekeeping; over here, now that domestic activities are easing somewhat. I shall try and get you some seed across this weekend, if there is any easing of restrictions I shall also send you a pot of heather honey, if we are lucky enough to get a decent sample this year.

With best wishes for 1945,

Yours very sincerely,
Y. D. Reeks

REPORT OF PUBLISHING COMMITTEE

E. J. Anderson

A review of expenses for 1944 show that the entire cost of publishing the *Pennsylvania Beekeeper* was

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\$294.68. The advertising space sold amounted to \$289.75. The difference or \$4.93 was the total cost of the publication to the association for the entire year. We are finding it increasingly difficult each year of the war to sell advertising space since many of the manufacturers are more than booked full and are turning down orders. This is especially true of the package bee men and queen breeders.

The editor wishes to thank all who contributed and helped to make the *Pennsylvania Beekeeper* worth while during 1944.

REVIEW OF THE SEASON

By E. J. Anderson

We have passed through a hard winter, one that tries the metal of the bees and the skill of the beekeeper.

Winter losses have been rather heavy but not as heavy to date as might be expected. An abundance of food was of great importance this winter. Colonies of medium strength survived if they could move upwards and keep in contact with the reserve of honey. The writer had one colony in two five-frame supers. It was expected that this colony would die but it is in first class condition now with plenty of honey in the top five frames. Losses are as yet not too heavy where bees had plenty of food. The consumption of food by the bees has been less than anticipated partly because brood rearing began about three weeks later than usual.

In central Pennsylvania considerable trouble was caused by snow

melting on the lid of the hives, then dripping down onto the landing board where it froze and closed the entrance of the hives. A top entrance was a big help in preventing loss from this cause or from loss where the entrance became clogged with dead bees. Packing also helped this winter to reduce loss.

The soil is in excellent shape because of melting snow and recent rains making conditions favorable for a good crop this coming season. Of course, the weather of May and June are also important.

Honey markets have been good so that all local honey is off the market or soon will be.

The membership of the State Association has dropped some during the last two years. This means a drop in income and less money for the Association to carry on a progressive program. The dues are very small and can serve their purpose only as long as many beekeepers of the state pay dues. For this reason, all active members are urged to keep their dues up to date and get new members so a progressive program may be continued.

BRADFORD COUNTY NOTES

By Harry W. Beaver

Troy, Pa.

March 12th and spring just around the corner! The bees have not had what you might call a good flight day since early November. On February 8th, I called at each yard and dug the snow away from in front of the cases—about two feet of snow around and on top of the cases, and say, did you ever walk in that much snow without snow shoes? Well, I did. For

Northern Grown Italian Queens

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the most part, the snow had melted away from the fronts of the cases about two or three inches so that the bees were not really confined. There were an alarming amount of dead bees in front of some of the hives, but, on lifting the covers of the cases on such, and putting my hand under the packing, which was DRY in spite of Ernie Root, I found the tops of the hives warm all over, indicating a strong colony. It is a long time till May 1st but as it looks now we will not have more than an average winter loss, which goes to show that if bees are in good condition in the fall with ample stores, one need not worry about the wintering. I should have added also with good windbreaks and adequate packing. Only two of the yards showed that the wind had gotten through and drifted the snow and those not bad.

Retail honey sales have kept up well all winter, but we will have to expect a lull now when the maple syrup comes on the market.

I have an inquiry asking how to render wax. Of course we use steam and then there is no danger of the wax boiling over and setting fire to the building, but if no steam is available then it must be watched carefully and not left for a minute. Warning first. Now if cappings, and if a wash boiler, for instance, is used put in several inches of water then fill with cappings and when melted near the boiling point but not quite, the wax can be dipped off. If careful, it can be put directly into molds and when cold scrape the dirt off the bottom of the cake. There is always more or less propolis in cappings. This can be strained through a cone made of window screen into a pail, and remelted later.

Where large amounts of combs or cappings must be rendered it pays to have a press of the Hershisier style and press it under water that gets it all. Old combs are another story. If you have many of them it will pay to send them to one of the factories

where they do that work. One cannot get much of the wax without a press.

Prospects of the Season

With the government giving away lime right and left, there is bound to be more clover in the country than for years, and with the good snow cover, there seems to be no reason why there will not be a good clover honey crop barring bad weather, of course.

I have had several inquiries about working bees. Sorry I didn't get down to the winter meeting, but to cut the story short I find that since experienced help is not to be had we had been doing a lot of work needlessly. Now we unpack the first of May. I merely lift a comb from the middle of the brood nest and see the condition of the queen, amount of stores, health and close it up. If any A. F. B. shows they are marked for execution.

Next trip is fruit bloom. I scrape burr combs from topbars and bottom bars of second brood chamber and look for A. F. B., condition of colony, etc., and usually super all colonies that have about eight frames of brood in a two-story eight-frame hive.

Next trip is just before clover opens when another super or two are added according to strength of colony. After this trip there are no frames handled. We just tip the upper brood chamber up to see if there are any queen cells started and if so the colony is unsupersed and swapped with a weak one and the supers of bees set onto the weak one which depletes the strong one and makes a producing colony of the weak one. The queen cells should be broken down in the one set away and a super given.

This trip usually takes care of most of the swarming fever. After this we just add supers on top of the pile, always keeping a super ahead of the bees till near the end of the flow. If a colony does not seem to be working when the rest of them are at it you

should look for swarming cell and treat accordingly.

After the flow is over it keeps us busy extracting and getting the combs back on for the buckwheat flow. We usually stack all on at this time that we think a colony will need, as it is plenty warm and no danger of chilled brood. Usually after the buckwheat flow is over, it is extracted again till cold weather and later according to the size of the crop. We use the acid pads to remove the honey from the hive. The rims of the pads are two inches deep which keeps the pad away from the honey which I think is very necessary. This is a short view of our operations, as we cannot go into detail in an article of this length.

STRAINING HONEY

by

E. F. Phillips

(continued from the December issue)

through successively smaller screens, first 12-mesh, then 30-mesh, then 50-mesh and finally 80-mesh. All screens are immersed in the honey so that there is no strain on the fine wire cloth. In making a strainer of this type, we left room in it so that a 100-mesh screen may be inserted, and now we realize the wisdom of such provision. The 100-mesh screen will go in as soon as possible.

The exact details of manufacture of such a strainer is outside the limits of this discussion, but before making one, the subject should be well studied. Provision must be made for easy removal of the screens and for draining of the screens and of the whole strainer. Ontario beekeepers have studied this problem and it would be desirable to examine their strainers before undertaking to make one. Such a strainer costs money but it will with proper care last a lifetime.

Pettit's Package Bees with Queens

We have been shipping package bees for twenty years—to Pennsylvania most of that time.

Of late we have had to disappoint some who did not order early, as our supply is limited by what our hives can produce.

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PENNSYLVANIA STATE COUNCIL OF FARM ORGANIZATIONS

The extent of the beekeeping industry in Pennsylvania can be briefly expressed by the 1943 Crop Reporting Service figures, as follows: 184,000 colonies of Bees, producing an average of 32 pounds per colony, or a total of 5,888,000 pounds of honey.

Add to this the fact that bees perform a service of pollination to the fruit grower, vegetable grower, clover seed grower and to agriculture in general, worth many times the value of the honey annually harvested.

The beekeepers of Pennsylvania are particularly interested in the progress of Research work in Beekeeping at State College. This work was begun in the fall of 1942, is now well established and is very capably handled by Prof. Edwin J. Anderson, who for many years served as State Bee Extension Specialist.

Beekeeping research work requires special housing facilities. For instance a gas-tight room is needed for fumigating honey combs. A special room is required in which to handle live bees, and since it is not practicable to house this work in the Department of Zoology and Entomology, plans for a separate building have been developed.

In a letter from Dr. S. W. Fletcher, Dean of the School of Agriculture, the Dean informed me that such a building was included in a report to the President under date of March 15, 1944, entitled "Proposed New Buildings of the School of Agriculture". Under the general head of departmental service buildings, there was included the following item:

"Apiculture Service Building, \$25,000, to include classroom and laboratory for processing and marketing honey and other apiary products and laboratories for research. It is not practicable to house this work in the main building of the Department of Zoology and Entomology."

I have brought this matter to the attention of this body in the belief that other Farm Organizations will be interested in the building program of the College, and that we might briefly consider a means of supporting the program cooperatively at the proper time so that all may benefit thereby.

Roy H. Herr, Pres.

Pa. State Beekeepers' Ass'n.

BROWNIES

Makes 3 dozen squares

- 1/4 cup shortening
- 2 tablespoons peanut butter
- 3 tablespoons cocoa
- 1/2 cup sugar
- 1 egg
- 1/2 cup honey
- 3/4 cup enriched flour
- 1/2 teaspoon baking powder
- 1/4 teaspoon salt
- 1 teaspoon vanilla
- 1/3 cup broken nut meats

Cream together shortening and peanut butter. Combine cocoa and sugar and add to the shortening mixture slowly, creaming after each addition. Add well-beaten egg. Add honey slowly and continue beating until well blended. Sift flour. Measure and sift together with baking powder and salt. Add dry ingredients to first mixture. Then add vanilla and nut meats. Mix well. Spread batter in a well-greased eight by eight by two-inch pan. Bake in a moderate oven (350 degrees F.) for 30 to 35 minutes. Cut into small squares for serving.

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THE PENNSYLVANIA STATE COLLEGE

THE PENNSYLVANIA BEEKEEPER



VOL. 20 NO. 2

JUNE, 1945

PENNSYLVANIA STATE COUNCIL OF FARM ORGANIZATIONS

The extent of the beekeeping industry in Pennsylvania can be briefly expressed by the 1943 Crop Reporting Service figures, as follows: 184,000 colonies of Bees, producing an average of 32 pounds per colony, or a total of 5,888,000 pounds of honey.

Add to this the fact that bees perform a service of pollination to the fruit grower, vegetable grower, clover and grower and to agriculture in general, worth many times the value of the honey annually harvested.

The beekeepers of Pennsylvania are particularly interested in the progress of Research work in Beekeeping at State College. This work was begun in the fall of 1942, is now well established and is very capably handled by Prof. Edwin J. Anderson, who for many years served as State Bee Extension Specialist.

Beekeeping research work requires special housing facilities. For instance a gas-tight room is needed for fumigating honey combs. A special room is required in which to handle live bees, and since it is not practicable to house this work in the Department of Zoology and Entomology, plans for a separate building have been developed.

In a letter from Dr. S. W. Fletcher, Dean of the School of Agriculture, the Dean informed me that such a building was included in a report to the President under date of March 15, 1944, entitled "Proposed New Buildings of the School of Agriculture". Under the general head of departmental service buildings, there was included the following item:

"Apiculture Service Building, \$25,000, to include classroom and laboratory for processing and marketing honey and other apiculture products and laboratories for research. It is not practicable to house this work in the main building of the Department of Zoology and Entomology."

I have brought this matter to the attention of this body in the belief that other Farm Organizations will be interested in the building program of the College, and that we might briefly consider a means of supporting the program cooperatively at the proper time so that all may benefit thereby.

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—Bought **YESTERDAY**
 —Fine Service **TODAY**
 —Valuable Investment **TOMORROW**

THREE-PLY FOUNDATION
STRONG-SQUARE SECTIONS
TRIPLE-LOCKED FRAMES
STURDY EFFICIENT EXTRACTORS
A FULL LINE OF QUALITY ITEMS

* * * * *

YESTERDAY, TODAY AND TOMORROW the **ROOT COMPANY** has given and always will give to the beekeepers the best bee supplies it is possible to produce. Today delivery on raw material such as lumber and metal is extremely slow. Naturally, we, like the beekeepers who order from us, have placed our orders well in advance for shipment when available. We have thousands of dollars worth of orders from beekeepers waiting for goods. Root bee supplies are certainly popular. About all we can say is that beekeepers should check carefully their requirements and mail their lists as soon as possible. Orders will be filled in order received at best prices authorized by the government.

The A. I. Root Co.
MEDINA, OHIO
 12 W. 21st St., NEW YORK 10, N. Y.

The Pennsylvania Beekeeper

Official Organ of the Pennsylvania State Beekeepers' Association, Published Quarterly. Membership and Subscription Price inclusive \$1.00

PUBLISHED BY DIRECTION OF THE ASSOCIATION

PUBLISHING COMMITTEE

E. J. Anderson, Editor, State College, Pa. | Walter Doud, Mansfield, Pa.
 Frederick Hahman, Altoona, Pa. | Adv. Mgr., Harry W. Beaver, Troy, Pa.
 E. B. Everett, Allentown, Pa.

OFFICERS OF THE ASSOCIATION

PRESIDENT Roy Herr, Lancaster, Pa.
VICE-PRESIDENT John Hess, Mechanicsburg, Pa.
SECRETARY-TREASURER H. M. Snively, Carlisle, Pa.

PROGRAM OF THE FORTY-SECOND PENNSYLVANIA STATE BEE- KEEPERS' CONFERENCE

Saturday, August 25, 1945
 Egelman's Park, Top of Mount Penn,
 Reading, Penna.

Registration—9:30.

Beginning of Program — 10:30.
 President Roy H. Herr, Lancaster,
 presiding.

Invocation—Rev. J. W. Bittner,
 Kutztown, Pa.

Address of Welcome—Jack Davis,
 Secretary-Manager, Reading Chamber
 of Commerce.

Response—E. B. Everitt, Allentown,
 Pa.

Inspection Program for 1945—H. B.
 Kirk, Senior Entomologist, Harris-
 burg.

Research on Package Bees and
 American Foulbrood—E. J. Anderson,
 Professor in State College.

Fall and Spring Management—Rob-
 ert Filmer, Trenton, N. J.

Report of the National Meeting —
 Roy H. Herr.

12:00—Basket Lunch

There will be ample table room for
 the lunch. The Berks County Bee-
 keepers' Association will furnish re-
 freshments to accompany your lunch.
 Each family will bring your own bas-
 ket lunch.

1:30 P. M.

Some Post-war Suggestions for
 Beekeeping.

Research Work on Wintering Bees
 —E. J. Anderson.

Honey Recipes that have proved
 successful—Miss Verna M. Criss,
 Reading, Agricultural Extension Home
 Economist.

3:00 P. M.—Contests

The above meeting is held in keep-
 ing with the restriction of the ODT,
 and therefore the usual games and
 contests are mostly omitted, however,
 there will be a few contests follow-
 ing the program of the afternoon. No
 special permit is necessary for the
 holding of the summer meeting, pro-
 vided: Less than fifty persons in at-
 tendance from out of town will re-
 quire rail or inter-city bus transpor-
 tation and over-night hotel accommo-
 dations.

"EGELMAN'S PARK is part of the
 public park system on Hill Road in the
 City of Reading, Pa. It is only two miles
 from the center of the city on the
 eastern slope of Mt. Penn and is easily
 reached via Franklin Street, a one-
 way street, which runs into Hill Road
 at Twelfth Street. FOLLOW THE
 SIGNS straight through on Franklin
 Street and Hill Road to the Park.
 Those traveling by train or bus should
 take a bus out of the SQUARE IN
 READING, marked Jacksonwald, Reiff-
 ton, or Butter Lane, and then get off
 the bus at 18th & Mineral Spring Road.
 It is a ten minute walk to the park,
 mostly up hill."



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SEASONAL EXPERIENCES

By Frederick Hahman

It is with a considerable amount of pleasure, to be able to report, that our bees will gather a sizeable crop of honey, after the several lean years that preceeded the present one.

I hope that our expectations will not only be realized but be exceeded by a bumper crop.

All predictions about the snow winter protection of the clover crop have come true. The small white and Alsike clover plants have been and are still a mass of bloom, promising to keep it up for some time longer. The small white clovers need moisture soon, the Alsike are keeping up better.

We also have an abundance of yellow sweet clover, it grows here wild in large batches and blooms at the same time as the small clovers, it can stand drought better, it is a reliable honey plant here. It grows to a height of about two to three feet and bears a large crop of blossoms.

There is a dwarf white sweet clover variety also in full bloom now. It grows only to a height of about two feet.

The tall white variety of white sweet clover is now about to come into bloom.

The miserable cold and rainy spring looked most discouraging. As far as fruit is concerned there will be no harvest of such. The frost killed all of the blossoms of peach, pear and cherry trees, as well as the apple blossoms. Grape vine shoots looked as if they had been cooked, all the berry plants caught the frost, even the strawberry blossoms did not escape.

Toward the end of May, some of the colonies evicted the drones.

About the beginning of June, the clovers and sumach started to bloom. After that the colonies built up rapidly.

I am a disciple of the plan of Mr. E. S. Miller of Valparaiso, Indiana, who manages to hold down swarming

to a minimum. I have fifteen of my strongest colonies operated as he has so frequently advised in our Bee Journals. None of these colonies have swarmed, although some of them are Hybrid Carniolans. They are four and five story skyscrapers and still going strong.

On July 4th I had a novel (to me) experience in hiving an afterswarm (the colony that it came from was not run on the Miller plan).

All of us are familiar as to how the early virgin queens will fight to a finish to become the reigning mother of her colony. The Standard Bee Books all give graphic and accurate information on the subject.

I have been a beekeeper for more than sixty years, but this has been the first time I had an ocular demonstration of such a fight.

The afterswarm had clustered on a small branch of an apple tree, about four feet above the ground. I jarred the cluster of bees into a round bushel basket such as apples and peaches are marketed in.

In glancing down into the basket, I saw two queens. They were about four inches apart, charging at each other. They met head on and clinched, crimping their abdomens to try to sting one another.

I sat the basket on the ground. At that moment it occurred to me that I could use one of those virgins. I took hold of the wing of one of the combatants and lifted them up, and took hold of the other by her thorax with my left hand. They were easily parted, did not hold on to each other and had not been injured. I dropped the one I was holding by her wing back into the basket, and made off into the honey house and caged the one I was holding by her thorax.

I have read that the worker bees would watch such a battle without any interference, such is probably a myth. The worker bees in that basket were rushing pell mell over the clinched queens unmindful of them.

Today, July 9th, we are having a soaking rain that will spell extra honey.

The following is a continuation of the report of the annual winter meeting held at Harrisburg last January:

Mr. M. S. McDowell, representative of the Pennsylvania War Finance Committee, presented the problem of purchasing war bonds, and expressed his appreciation for the co-operation of the members of the association in the war effort.

The following Tellers were appointed: Mr. Trainer, Mr. Dennis and Robert Johnson.

All officers were re-elected, viz.:

President—Roy Herr, Lancaster, Pa.

Vice-President—John Hess, Mechanicsburg, Pa.

Secretary-Treasurer—H. M. Shaveley, Carlisle, Pa.

PRESIDENT'S ADDRESS

January 10, 1945

Members and Friends of the Pennsylvania State Beekeepers' Association:

In former years it was my privilege to sit in the audience of this annual meeting to enjoy the customary President's address. Our By-Laws require the President to deliver or cause an address to be given to the Association at the expiration of his term of office, and so it is my duty at this time to give an account of myself.

The year of 1944 is now history. To

Pettit's Package Bees with Queens

We have been shipping package bees for twenty years—to Pennsylvania most of that time.

Of late we have had to disappoint some who did not order early, as our supply is limited by what our hives can produce.

Customers like our bees and our service, and keep coming back earlier each year.

**Best young queens
No drones
New Cages**

**Gentle Italians
Hard workers
Safe arrival**

Better Book Orders right away, subject to agreement on prices when announced.

WE SPECIALIZE IN THREE-POUND PKGS. FOR PROMPT SHIPMENT

MORLEY PETTIT

Tifton, Georgia

Northern Grown Italian Queens

READY JUNE FIRST

PRICE 90c EACH

Merle P. Fisher

Granville, Mifflin Co., Pa.

some of us it may have brought satisfaction and to some of us disappointment, so far as a honey crop is concerned. In this regard I am reminded of a brief theorem I came upon one time, which I have never quite forgotten. It goes something like this—"It isn't what happens to one that matters so much, it's the way one takes it that matters." It seems to me that beekeepers have the capacity to take the bad along with the good and still keep interested and enthusiastic.

Some of our hopes and ambitions as an association were far from realized. The Chairman of the Legislative Committee will report on developments with regard to the Committee's work with the Department of Agriculture in the interest of Bee inspection. I do not wish to duplicate Prof. Everitt's report and so I shall treat this matter briefly. At the close of the meeting with the Secretary of Agriculture, the committee felt there might be some value in sending a letter over my signature to the County Agents of the state and also to an officer of each organized County Beekeepers' Ass'n. in the hope of securing as many as 20 inspectors.

Your Vice-President took the responsibility of making copies of the letter I composed. When these were in the mail we felt that the law of averages would do a good job for us in our great state. The results were not quite so gratifying and as we face the 1945 season I think we will want to give this matter some very

careful consideration. One opposing factor is, I think, the fact that the inspection job is not sufficiently attractive under present economic conditions. I hope it is within the realm of possibility to improve this condition.

During the year there were times when it seemed reasonable to assume that hostilities in Europe were about to draw to a close. More recent developments have removed those ideas from our thinking and we must now plan to further operate under war conditions. As this meeting proceeds I trust there will be no hesitancy on your part in bringing to the attention of this assembly matters which you consider worthy of consideration, regardless of whether these matters are for immediate action or for future consideration, whether you have ideas relative to the conduct of our state association or related to our representation in the National Federation, I trust that you will consider this your meeting.

One of the pleasant occasions in the life of the Association during the past year was the summer meeting at Williamsport. Those of you who attended will recall that Dr. Fred Lininger consented to speak to us on short notice. I know we all enjoyed his interesting talk entitled "Do We Need More Farmers."

Following the program Dr. Lininger spoke briefly with the officers relative to the Building for Research Work in Beekeeping which is planned for the School of Agriculture

at State College.

I have come to be of the opinion that this matter should be brought to the attention of other Farm Organizations which might be interested in this same thing, even though the time for promoting it was not yet at hand.

Last week I received a notice of a meeting of the Pennsylvania State Council of Farm Organizations to be held on Monday at 1:30 P. M. Since I happen to be acquainted with a member of the Executive Committee of the Council, Mr. Harry H. Snaveley, I called him to inquire whether he felt it would be advisable to bring up this building proposition at this time, for the purpose of exploring sentiment on the part of the member organizations of the Council. Mr. Snaveley felt that it would be quite in order and invited me to attend the Joint Meeting of the Executive Committees of the Council and Association of Cooperatives at 10:00 A. M.

Since the proceedings were more or less on my own responsibility, I feel that I should go into the details of just what transpired. After an introduction to the group, I briefly outlined our interest in a building at State College and used a letter of Dr. Fletcher's as a confirmation to the fact that such a building was planned. I then read the following paper which I had prepared for the purpose of presenting the proposition. The paper was published in the last issue of the Pennsylvania Beekeeper.

After brief and favorable discussion, I am pleased to report a unanimous vote on the motion "that the Committee do approve and support this project."

Following the adjournment of the Committee Meeting, the Chairman, Mr. Culver suggested that this matter might be proposed to the Council meeting in the form of a motion. The Resolutions Committee was pleased to agree to this.

Prior to the receiving of the report of the Resolutions Committee, Dr. Lininger presented a report to the Council relative to Research work at the School, and in his address he emphasized the importance of providing a separate building for Research on Bees at the School, as this will benefit the dairymen in the removing of this work from the Dairy Building, also that it will be to the benefit of the fruit grower and the crop grower.

When our resolution was proposed by the Committee Chairman, Mr. Gorham, prefaced it with the remark that he didn't know a thing about bees but knew the Council would favor its adoption because it is in line with Dr. Lininger's remarks.

The resolution as presented to the Council was as follows:

"Be it resolved that this Council approve and support the Building Program at Pennsylvania State College entitled 'Proposed New Buildings of the School of Agriculture' of which the Apiculture Service Building is a part."

I am pleased to report that the above resolution was unanimously adopted. I trust all of this action will meet with your approval.

Through the courtesy of two members of this organization, I had the opportunity to attend the Southern States Conference held at Greensboro, N. C. A little later I shall call for a report of that very interesting meeting.

SELL US YOUR BEESWAX

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LEWIS QUALITY BEE SUPPLIES DADANT'S FOUNDATION

LARGE STOCK
QUAY M. MINNICH

156 No. Main St.

Red Lion, Pa.

I wish to thank my fellow officers, the committeemen and members who served faithfully in their various capacities and who together have made it a pleasant task to serve you during the year.

We all are aware that the war is not yet over. Perhaps it is yet a long way from being won, at least the time of its ending is very uncertain. So as we face into 1945 let us resolve to produce to the extent of our ability. Let us also determine to keep our organization strong, alive and alert, so that during the uncertain times that lie ahead we will find ourselves in the position to make worthy contributions to our agricultural life.

How can we keep our organization strong? Well, it is not alone the job of the new President which we shall elect. Neither is it the job of the Vice-President, nor is it mainly the responsibility of the Secretary-Treasurer. Rather I think it is the task of every one interested in beekeeping in our Commonwealth. Thank you.

Roy H. Herr, Pres.

A motion was passed to send a check to the Honey Institute for \$25.00.

A motion was passed to pay dues at the rate of five cents per member in full to the National Federation of State Beekeepers' Associations.

A motion was passed authorizing the officers of the association to appoint a delegate and alternate to next year's Convention of the National Federation of State Beekeepers Associations, and the expenses to such meeting be paid.

On motion it was agreed unanimously that the summer meeting of

the State Beekeepers' Association be held in Berks County.

Report from the Farm Show Committee—The only matters brought up were meeting places, meeting times, banquets, time for banquets, and we were told after the end of the war we would not be able to get into the Farm Show Buildings for six or eight months, or perhaps a year, which time would be required to remodel the building for the Farm Show.

President Herr suggested that if agreeable to the Association he would continue the Committee on Bear Investigation, and on motion unanimously passed, the present Committee was continued for the following year: John Hess, E. J. Anderson, E. B. Everett, Harry Beaver, and Elmer F. Reustle.

Publishing Committee—Mr. Anderson reported that like everything else it has been a real task this year to get out the publications. The printer has lost a number of his helpers and he has to use whomever he can pick up. The advertising space sold amounted to about \$230, a little below the year before. We still have trouble in getting advertising space, for a great many receive orders far beyond their ability to produce. We appreciate the assistance that the beekeepers have given in reporting news and I want to thank everybody who assisted in any way to make the Pennsylvania Beekeeper a success.

The Chairman of the Farm Show Committee requested the reappointment of the same members to his committee for the following year.

Research Committee—A motion was made and carried that we convey by letter our appreciation to the Council of the Pennsylvania State Farm Or-

ganization, and also to the Dean and to Dr. Lininger, for their respective parts that they have played in creating and promoting the Research work on beekeeping at the college.

Report of Legislative Committee, E. B. Everett—The most important function was the meeting with the Secretary of Agriculture, Assistant Secretary of Agriculture, and Mr. H. B. Kirk, to discuss the program of Inspection. About half the committee were present, along with the officers of the organization. The first part of the meeting was not too satisfactory. The Assistant Secretary and Mr. Kirk were there, and they left the general impression that there would not be much inspection. When Mr. Horst came in later in the meeting we felt he was more sympathetic towards our problems. He promised that he would do everything he could but indicated that the war made plans rather indefinite.

The program you heard from Mr. Kirk and the views of other beekeepers paint a discouraging picture since we are not keeping up with the three-year program of inspection, and the percent of foulbrood is not decreasing.

If we, as the legislative committee, tell the perfect truth, we did not get along as well last summer as we had hoped.

Mr. Snavely reported that last year the Association agreed that an adding machine might be purchased, and since there was no opportunity to purchase one, he asked that it be carried over until that item could be secured at a reasonable price, for the office of the secretary.

Address, "Care and Management of Package Bees—Research Work," by

E. J. Anderson, Prof. of Apiculture, State College.

It was moved, seconded and passed that \$50 be transferred from the Savings Account to the Checking Account so that a \$50 reserve can be held in order to avoid the checking account charge for each check.

Greetings were brought by Mr. Carr of New Jersey, who expressed pleasure at being present.

Greetings were also brought by Mr. Holcomb who said he hoped to take home something from the Convention.

Meeting adjourned.

Wednesday evening. Banquet at Sixth Street United Brethren Church.

Numerous selections by the Elizabethtown College Students' Quartet were enjoyed very much by the beekeepers present.

Toastmaster—Dr. W. E. Dunham, Columbus, Ohio.

Two reels in Technicolor on the Honeybee were presented by D. C. Babcock, Medina, Ohio.

The Toastmaster called on Prof. Everett to give a report on the Southern Beekeepers Convention. Mr. Everett said: "If I hadn't entered into a compact with Mr. Sandt and Mr. Herr before we left the South, I could tell you some weird stories."

"This Convention was held October 24, 25 and 26, at Ashville, N. C. There were 80 to 120 attending the various sessions.

"A great many interesting things happened. We from the North enjoyed the whole program and our hosts seemed rather glad to have us. They were much interested in bees and management problems. We all talked honey production, and even

Lewis
BEEWARE

FLOYD H. SANDT

—Dealer In—

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DADANT'S WIRED FOUNDATION

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BEE SUPPLIES—BEST QUALITY

(Lewis Woodenware and Dadant's Foundations)

BIG STOCK—QUICK DELIVERY anywhere N. Y. State or Penna.

got sort of mercenary about it.

"In the discussion on queen breeding there was an opportunity for asking questions. We were all interested in the speed and dispatch used in their raising of bees. The question was asked 'When should you take a queen out of a nucleus to ship?' and the answer was 'As soon as she is ordered.' We know that the queen ought to be laying several days before she is shipped.

"Prof. Anderson once said many of us have been worried about the quality, or lack of quality of the queens which we receive. The speed used in rearing queens indicates we may have some reason for concern.

"The State Apiary Inspector from Louisiana said it was a very common thing to feed dry sugar to bees. The procedure: If you use two hivebodies, is lay a newspaper on the frames of the broodchamber, pour the sugar on the newspaper and then set the second super on the paper. The bees will come through the paper and carry the sugar down. It is not good for stimulative feeding, but for sustaining a colony it works all right. Sugar feeding offers a wonderful possibility for saving labor.

"We found the people at the meeting most hospitable. I think it was the most entertaining and enjoyable meeting that I have ever gone to. They urged us to come back next year, when the Convention will be in Georgia. If you get a chance to go down to the Southern States meeting next fall I heartily recommend that you take advantage of the opportunity."

Toastmaster: I will now call on Mr. Hahman.

(Mr. Hahman)—Mr. President and fellow members: I don't know wheth-

er I am the oldest one here or not. There are a few white tops here besides myself. I remember many years ago when we started this association in Philadelphia. We didn't have many members at first, but for many years I was the youngest member, and here I have come to be the oldest one, and I hope that all of you may live to become the oldest one in the association. I also hope that you may get a lot of young men interested, because the young members will come along and keep it going.

Toastmaster—We in Ohio still hope that perhaps we will get a good crop next season. We don't grow much buckwheat but a little buckwheat honey is produced near your border. Some of our beekeepers slip over to your side of the fence and get a little of your buckwheat honey. Robert Johnston is in the buckwheat area and perhaps can remember a time when they had a good crop.

Mr. Johnston—Fellow Beekeepers: We did not have much of a buckwheat flow this year. Our flow was just like the one reported for Ohio.

Toastmaster—I was just thinking the other day how many years I have been keeping bees, and I don't know if I should tell you or not. I think it is something like 24 years. Mrs. Dunham is a very encouraging partner. She gets out in the apiary, especially when labor is short, and helps to clip the queens' wings and do other work. I get so interested in working with the bees that I dream about them at night. The other night I sort of raised up and said "See what you did. Now be careful about clipping those wings, the last time you clipped one right between the ears."

Toastmaster—we will now hear a

word from Mr. Amos.

Mr. Amos—Mr. Toastmaster, Ladies and Gentlemen: I, being new to Pennsylvania, sometimes wonder how the Beekeepers' Association started. I get a little bit of history as I go along. Mr. Hahman said he was a member in Philadelphia many years ago. I happen to know that in Maryland they had a situation somewhat similar to what Mr. Hahman spoke of. I know an old Greek tailor who had bees who would invite other tailors into his tailor shop where they would drink beer and talk about bees. From this group, the Maryland Beekeepers' Association got started. I don't suppose some of these good Pennsylvania Dutchmen would have started the Beekeepers' Association in a similar fashion but that is the way it started in Maryland.

We are all talking about poor honey crops. Perhaps the solution is to feed our colonies soy bean flour and pollen. I thought you might be interested in some of the results we have obtained in feeding dry flour. One way is to mix soy bean flour in dry skimmed milk, and then sprinkle the flour over the frames of the hive in the spring. We also tried feeding outside the hive, using 4 parts by weight of soy bean flour (the expeller process—8 to 10 percent fat content) and 1 part of dry skimmed milk. We mix this and put it in trays where the bees can get it early in the spring.

With the exception of one location—we had 11 sites where we tried this mix, and the bees gathered the pollen very readily. The trays were protected from the weather. Eight trays were fitted in a rack and set on a bottom board. An empty hive body and cover was placed over all. The

colonies gathered the mix and developed normal brood with the exception of two colonies. They had no natural reserves of pollen in the combs.

Dr. Dunham—In central Ohio the growers used 1100 pounds of soy bean flour plus the dried skimmed milk. It was in this area that the commercial beekeepers got the best honey crop. It might have been just a coincidence, but at least these beekeepers were being interested.

Toastmaster—Now we will hear from Mr. Anderson on the pollination of red clover.

Thursday Morning Session

The President—The first item on the program is greetings. I would like to call on Mr. Gravely to talk to us at this time.

Mr. Gravely—Professor Everett mentioned something about our having to be a little more particular with the honey that we are selling to the trade. I agree with him, and I think we should stress the fact that we should be a good deal more particular about the honey we are selling to the trade for table use. You people here probably don't run into it much, but around New York there is a large amount of inferior imported honey put on the market for table use. It is not even baking honey, and because of this inferior honey a lot of consumers have quit buying honey. I asked one of the producers to supply me with thirty pounds and asked him for his own production. When I got the thirty pounds of honey I tasted it and realized it wasn't his own product. The honey had an awful taste that stayed in your mouth. Now I have that honey on hand and the only way we can use it is in baking. If you are loading your public up with

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that kind of honey it isn't going to do the market any good. If we could have some system whereby table honey must be of the best grade, we would not have this trouble. The packers in New York City know they cannot get supplies, and the people will take anything that comes in, labeled honey. I know a little store that had some stuff on their shelves, some even labeled molasses with honey and needless to say it is terrific.

At a recent meeting in Connecticut, the question was brought up and the suggestion was made that if only a dime were added to our dues all over the country it would make a wonderful donation toward the support of the Honey Institute. We are going to need considerable advertising after the war, and now is the time to arrange for that advertising. It seems to me that through the federation of beekeepers we might work out some scheme whereby the co-operation of local associations could be had.

Greetings from Mr. Babcock: It is always a pleasure to come to Pennsylvania. I think this is about twenty trips I have made to your state for this kind of meeting. I always get a kick out of it. I made a trip this past summer—in August—and visited some of the southern shippers of package bees and queens, and I am glad that I am on the program this morning. On my way south I stopped at Indianapolis, Indiana, with my friend, Mr. Starkey, for a few minutes and he said he would like me to investigate a case for him. A southern

shipper had shipped some package bees into Indiana, in fact ten packages, and they had been placed in a yard in the northern part of the state. Eight of these packages developed foulbrood. A local inspector inspected them, and we had a former inspector look them over to verify the diagnosis. We have written to the shipper and the shipper has refused to make good. I took all of this information and started south, not realizing what I was running into.

I visited in my trip I think sixty large commercial producers in Louisiana, Mississippi, Alabama and other states. I probably called on a dozen shippers before I reached this one party who shipped the bees supposed to be diseased. I suggested it might not be amiss on my part, as the party receiving the bees asked me if I would not discuss the matter with him. He, the shipper, said he was glad I brought it up because he also would like to discuss it. He explained that two inspectors came from Anderson's office to his place, without his asking for them. Of course Mr. Starkey had written Mr. Anderson and asked him to send them over. They went over the yard and pronounced it absolutely clean. The shipper asked "Why should I furnish bees to a northern shipper when his inspector says they are diseased and my inspector says they are clean?" I said "Of course you have a good argument in not furnishing bees." His statement in regard to disease had been the same as that of

ten or twelve other shippers had told me before I arrived at his place — that they did not have disease. In fact I think three shippers, running better than 1,000 colonies of bees, told me that they had never seen American foulbrood and did not know what it was.

After calling on this shipper I made perhaps four or five more calls on some extra large shippers, and finally arrived back in Baton Rouge. I immediately went to the Southern Bee Culture Laboratory, and met Dr. Whitcomb and Dr. Ortell. I told them that I was in a terrible quandry—I called on a number of shippers and in the course of the conversation, asked them about disease, and they said they had no disease and knew very little about it. Dr. Whitcomb told me that I was probably finding the truth, that samples sent into their office showed no disease, and they received numerous samples and they showed no disease. I traveled through various southern states and had the same story repeated to me often. After I arrived home, I wrote Dr. Whitcomb to find out if I really had understood him correctly, and he wrote me a letter stating that I had understood him, that there was very little disease in Louisiana, if any, and most of it occurred around Baton Rouge. There was only one yard had it and it was shipped in from outside the state.

We had an inspector from Ohio who has been on the Service for at least twenty years, go to Louisiana

for two seasons, and so I wrote this inspector to find out what he knew about the disease. If any of you have been in the south you know they work them awfully fast and do not inspect them quite as thoroughly as in the north. One fellow goes through and opens up the hives and the inspector comes along and examines them in a hurry and goes on to the next hive. This inspector who went down from Ohio wrote me that in his experience in the south he had found no disease except in the one yard shipped in, and that many shippers knew nothing about American foulbrood.

We heard the remark made that in Georgia they inspected 45,000 colonies and found only three colonies were diseased. That kind of hooks up in a way with what I found in Louisiana and yet we are having disease bob up in package bees. The southern shipper of bees said that he thought that the packages installed in the north, have no particular place to go for their nectar and roamed and foraged over an unknown area and could often pick up sources of disease that perhaps established colonies would not. I believe there is a whole lot of work to be done yet on the package bee proposition in the south.

A number of fellows in the south expressed their interest and desire for more reliable information along the line of honey producing possibilities of their bees. Some of them said their job is to produce package bees and queens, and they are unable to

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follow them through in the north to find out just what the honey-gathering possibilities of those particular bees or queens are. They would like to produce queens whose bees are honey getters and would like to co-operate with the northern beekeepers.

Frank W. Connally of Greensburg, died July 6th at his home near Whites School House. He was 65 years old. He was at one time head of the officers training school at that place. He also was interested in beekeeping and in the beekeepers program in Westmoreland County.

NOTES FROM THE COUNTIES

Bee Keeping Notes of Northwestern Berks County By Paul Zeigler

The bees have been in good condition ever since early spring. Swarms and packages built up very quickly and in some cases brought in a surplus of a hundred pounds or more during the clover honey flow.

The strong colonies started bringing in surplus from clover the last week in May, and up to this writing, July the 17th, the weather has been very favorable. The clover flow seems to be about over but they're still working on white sweet clover, and with plenty of moisture in the ground they will probably get enough honey to keep them going until the fall flow starts. This has been the best honey flow that we've had in four years.

Honey has been selling well. Most beekeepers report having been sold out a long time before the new crop came in.

At the last meeting, held early this spring, there was an interesting dis-

cussion about feeding pollen substitute. John Amos was there and showed some slides. Considerable interest is being shown on the part of new beekeepers or amateurs. These amateurs can learn a lot by reading the beekeeping magazines, by visiting experienced beekeepers, and by attending the Beekeepers' meetings to get first hand information.

The officers of the Association had a meeting a few weeks ago to make arrangements for the State Beekeepers Picnic to be held in Berks county. We are all looking forward to having a good time there.

On July 5th, my father died very suddenly, so that leaves me alone with the queen yard and the bees. My dad had taken care of most of the work in the queen yard and was doing very nicely. I am trying to keep going now as best I can. Queens are selling rapidly. I have quite a few orders booked for August.

Paul S. Ziegler, President of Berks Co. Beekeepers' Assn.

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LUZERNE COUNTY NOTES

By C. A. Balliet

By the way honey is coming in now it looks like a very good year for the beekeepers. There were some losses early due to a lack of food—not that it was not available, but the wet weather kept the bees at home. If there had been a break in the weather a few days earlier, I am sure there would not been so many losses.

Now that things look better for us I am sure you will agree that this is the time to keep our colonies in the very best condition. One of the best ways to keep them in good condition is to have the colonies inspected for American Foulbrood. Luzerne county is very proud of its past record and we want to be sure of its future. We are very fortunate in securing funds from the Luzerne county commissioners for this inspection and also the services of a very good inspector in the person of Mr. Paul Zeigler. Foulbrood is a serious disease and you are not aware of it until it is too late.

Some time in the near future you may expect Mr. Zeigler to call. We feel sure you will co-operate with him not only for your own benefit but also for the benefit of the whole county.

At the last meeting of the County Beekeepers Association the matter of sugar supplies was taken up. If you have any difficulties getting sugar in the future, report to the county secretary, C. A. Balliet, Drums, Pa. A committee will be appointed for your district and this committee will contact your O. P. A. board. We feel sure that, due to the sugar shortage, you will ask only for what you need and we will help you to get what you need.

It is with pleasure that we state our association is growing. Three new members were taken in at our last meeting. The attendance was 25 and a very good time was had by all. We especially enjoyed the large freezer of ice cream—it was a surprise gift from our new president, Mr. Horton.

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Some time in the near future a meeting will be held, probably in late July or August. I know you will want to be present and you will be welcome to attend all meetings whether you are a member of the Association or not.

The following are the officers of the County Association:

President, Clarence Horton, Drums, Pa.

Secretary-Treasurer, C. A. Balliet, Drums, Pa.

(It is interesting and pleasing to note that the Luzerne County Association is quite active and is conducting a program that should be of considerable help to the beekeepers of Luzerne Co.—Ed.)

LYCOMING COUNTY NOTES

By P. M. Paulhamus, Pres.

Dr. Franklin McDermitt, Altoona, Pa., and Mr. J. A. Naval of Williamsport have inspected a number of apiaries in the county and have reported finding a very heavy flow of good quality honey which is light in color. The bees in this county got off to a late start due to cold and rainy weather, but even with this handicap Mr. Naval reported a number of hives honey bound, not having enough supers on for storage of honey.

The winter loss was not as heavy as we had expected due to a prolonged cold spell, because the majority of hives were protected from the weather. It was reported there were some bees that starved because there was

not enough honey left in the hive for them.

There have been very few swarms this year, however, there was a swarm on one of the trees in front of the Lycoming County Court House. Mr. Thomas R. Williamson reports that he got the largest swarm of bees that he has ever seen, and in six weeks' time this swarm of bees brought in three supers of honey.

The outlook for Lycoming county for the fall flow looks very promising, as there will be a good supply of golden rod, wild asters and sumac.

Mr. Naval also reported that the Eastern and Western parts of the county have considerable foulbrood, and the rest of the county seems to be free from disease because of past inspections.

TIOGA COUNTY NOTES

By Walter A. Doud

This season has been the most unusual of any in my experience. The hot weather in March which caused bees to build up fast was followed by cold weather and storms so that bees did not get any nectar until clover started to yield about the middle of June. My very good friend, Harry Beaver, always tells me that ten frame hives are too big. He uses the eight frame, but the ten frame was not big enough this year. We had to feed sugar starting early in June. It would have been better for us if we had started feeding a little earlier as some colonies had stopped brood rear-

ing. This is the first spring that we have had to feed bees in this locality.

Clover bloom has been very abundant and we have a good crop considering that the bees were not in the best condition to gather it, so many colonies were not strong enough to do a good job. We have had gains on a scale hive of 10 lbs. on a few days when the weather was at its best. We have had some cold days also and a light frost was reported in the higher parts of the county on July 11. The weather has warmed up since and bees have gathered honey, but it is getting too dry. The scale hive has not shown much gain the last few days; this is July 16th. Basswood is not blossoming as it was frozen last spring.

Buckwheat is getting a start and we must get started taking off clover honey or it will be in bloom before we finish extracting clover honey. The acreage of buckwheat is a little under average this year but if the weather is right at the right time there will be enough and if the weather is not right the number of acres will not make much difference.

YORK COUNTY NOTES

By Quay Minnich

It is common knowledge by now that 1945 will go down in history as an unusual year. Even to the beekeeper in his thoughts of the past this is an unusual year, in that nature upset the time table and to those who were not awake some serious results

were the consequences. Do you remember how active the bees were in March, when usually they are just beginning to set up house keeping? Yes, inside the hive something was taking place ahead of time, that was bound to have good or bad effects. Brood rearing at a rapid rate and the consequently populous colonies were bound to call for an abundance of stores or a heavy nectar flow to keep things in balance.

Here in York county conditions were similar to that in all of the Eastern clover producing sections — strong colonies ahead of usefulness, followed with excessive swarming and starvation. A real headache for a lot of our beekeepers.

What an opportunity for increases ahead of the main honey flow. If at the right time one had the help, supplies and sugar. However, too many ifs, so don't get ready, it may not happen again for another thirty years.

The wet and cold weather that followed the March-like summer put the covers in elegant nectar producing condition and we have the proof of the pudding in the hives right now. Some of our beekeepers are "tickled pink" with their returns while others just state nothing to get excited about, wait until we make a tabulation.

The fact remains that a larger than average crop of very good quality honey is already in the hives. While the flow has slowed up considerable,

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there is still some surplus being stored. With second crop clover looking its best, we have reasons to believe this and the usual fall flow will make 1945 one of our good years.

Have you tried feeding bees dry sugar? It works and what a labor saving idea. The joker—first get the sugar. One can feed for a short tie over, as fast as the covers can be removed.

Honey continues to sell well and is rather hard to get in relative large amounts.

The County Association meeting held at our place on June 28 was well attended. Unusual interest was manifested in the timely and well founded remarks by Prof. E. J. Anderson. State Inspector Prof. N. E. Shoemaker, who is now working York county gave a very interesting talk on American Foulbrood and acquainted those present with the state law concerning this disease.

We look forward to seeing you all at the State Conference.

ERIE COUNTY NOTES

By Elmer Root

The present condition of bees July 17 in Erie county is from average to very poor. There is now some swarming, but a very small amount of that, owing to weather conditions which are very bad. At the time when clover was just right for a great honey flow in Erie county, rainy weather set in and has continued for most of the time since July 1st.

There are some bees that are in a

very weak condition, especially those that were packages in the spring. I am still feeding eight package bees. I have around 98 colonies in all. Some old colonies do not build up like they should, while other colonies are in good shape.

Rains have kept all nectar washed out of blossoms. Even white Dutch clover contains no nectar. The bees are working, some on sweet clover and the small blossoms of red clover.

I have thirty colonies that are sitting in the middle of a field of Ladina clover with a strip of red clover on each side of the Ladina. They work the red and do not visit the small heads of Ladina. I believe the reason is that the rain has interfered with the Ladina but not the red clover. There are one hundred and three acres of both clover in the field. In spite of this acreage there is not 500 lbs. of surplus honey in a yard of 30 colonies.

There is one thing we are not short of and that is American Foulbrood, which is on the increase in the county. The unfavorable wet weather has caused A. F. B. to increase rapidly. Almost every yard I have visited this spring and summer has some American Foulbrood. I visited an apiary on July 5th that had twenty-one colonies in it and there were sixteen with A. F. B.

The honey market is active with no local honey at all. The honey that we see on the shelves is shipped in from out of the state, mostly from the Western states.

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CRENSHAW COUNTY APIARIES, Rutledge, Ala.

BRADFORD COUNTY NOTES

By Harry W. Beaver

The clover honey crop has drawn to a close with the largest per colony yield in our beekeeping history. Our final loss for the winter and spring was 25%, but most of the colonies that were left were of good strength and built up well in early April, using most of the stores left from winter. Then came the long spell of cold rainy weather with hives full of bees and no place to go. No honey from fruit bloom, willows, wild raspberry or rocket. The hives got alarmingly light, in fact we had to feed five yards about 10 lbs. of light syrup per colony which brought them thru to clover about June 15th. Since then they were in clover literally and truly. Tho the weather was not of the best, they gave a good account of themselves. About quarter of the colonies had old queens that began to deteriorate about the beginning of the flow, which would mean superceding swarms if let go. To circumvent this, we requeened them. Probably another fourth of the colonies will supercede with the end of the flow. Then again comes the question how to get all colonies to produce like the best one in the yard. Certainly requeening doesn't do it but helps mightily. Queens bought from the same party and presumably all raised from the same mother will vary sometimes 50%. Even our best instructors cannot do it, as observe the college apiaries, Cornell and State College. Of course they have

a good alibi in that they are experimenting, but why not experiment to find how near they can come to having all colonies equal. Ouch: Andy and Ed.

NOTES FROM THE SECRETARY

Please note that the secretary will change his address as of July 17, 1945. The new address is 421 Juniper Street, Quakertown, Pa. After serving the Church of the Brethren in Carlisle for fourteen years we are now getting settled in Quakertown to take the pastorate of the same church there. I plan to continue to keep a few bees as a sideline but not as many as I kept in Carlisle.

I would like to make an appeal to all members who change their address to notify me so that the files can be corrected. In giving the change the old and new address should be given to avoid mistakes. Some have not received their Beekeeper in the past, and we are sorry that there have been some errors. We have tried to correct them, and hope that you will overlook mistakes. If you will write and tell us of any mistakes we will do all we can to adjust them. To keep files of nearly seven hundred names and keep the addresses up-to-date without a slip is a fairly big job when there are a lot of other things to do. We would like to urge that dues are paid in promptly; either send it direct to the Secretary, or if you have a county organi-



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zation, see your association treasurer. We appreciate your co-operation in this, and hope to see you at the summer conference August 25, Egelmans Park, Reading.

H. M. Snavely, Secretary,
421 Juniper Street,
Quakertown, Pa.

CONSTITUTION OF THE PENNSYLVANIA BEEKEEPERS ASSOCIATION —1919

ARTICLE I. This Association shall be known as the Pennsylvania State Beekeepers' Association.

ARTICLE II. The object of this Association shall be the promotion of scientific and practical bee culture, and securing of such legislation as is necessary to protect and further the beekeeping industry.

ARTICLE III. The officers of the Association shall be president, one vice-president, a secretary-treasurer, and an executive committee, all of whom shall be members of the Association.

ARTICLE V. Any person interested in beekeeping may become honorary member of this Association by a majority vote at a regular meeting.

ARTICLE VI. An annual meeting of the Association for the election of officers shall be held at such time and place as the Association shall direct at the preceding annual meeting. Seven members shall constitute a quorum for the transaction of business, but a less number may enter upon the discussion of important topics and adjourn to some future day.

ARTICLE VII. Special meetings may be called by the President and Secretary upon the written request of five members.

ARTICLE VIII. This Constitution may be amended by a majority vote at

any regular meeting, of which amendment thirty days notice shall have been given in writing to every member of this Association.

ARTICLE IX. Section 1. A permanent Accumulative Fund shall be established with the monies and savings accounts in the hands of the Secretary-Treasurer for investing or loaning as here-in-after provided. Section 2. The Executive Committee of the Association shall have general supervision but the Secretary-Treasurer when duly qualified

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shall be the custodian of the Fund. The Secretary-Treasurer shall qualify by giving the Executive Committee surety for twice the Fund.

Section 3. Only the annual income from the Fund shall be available for annual expenses of the Association but unexpected funds after each annual meeting shall be immediately added to the Permanent Accumulative Fund.

Section 4. The Fund may be invested only in approved government, municipal and such other bonds and investments as are available to National Banks and Trust Companies for the investment of trust funds, or may be loaned to meritorious students specializing in beekeeping at some approved college, which student shall have furnished ample surety to guarantee payment of principal and interest when due.

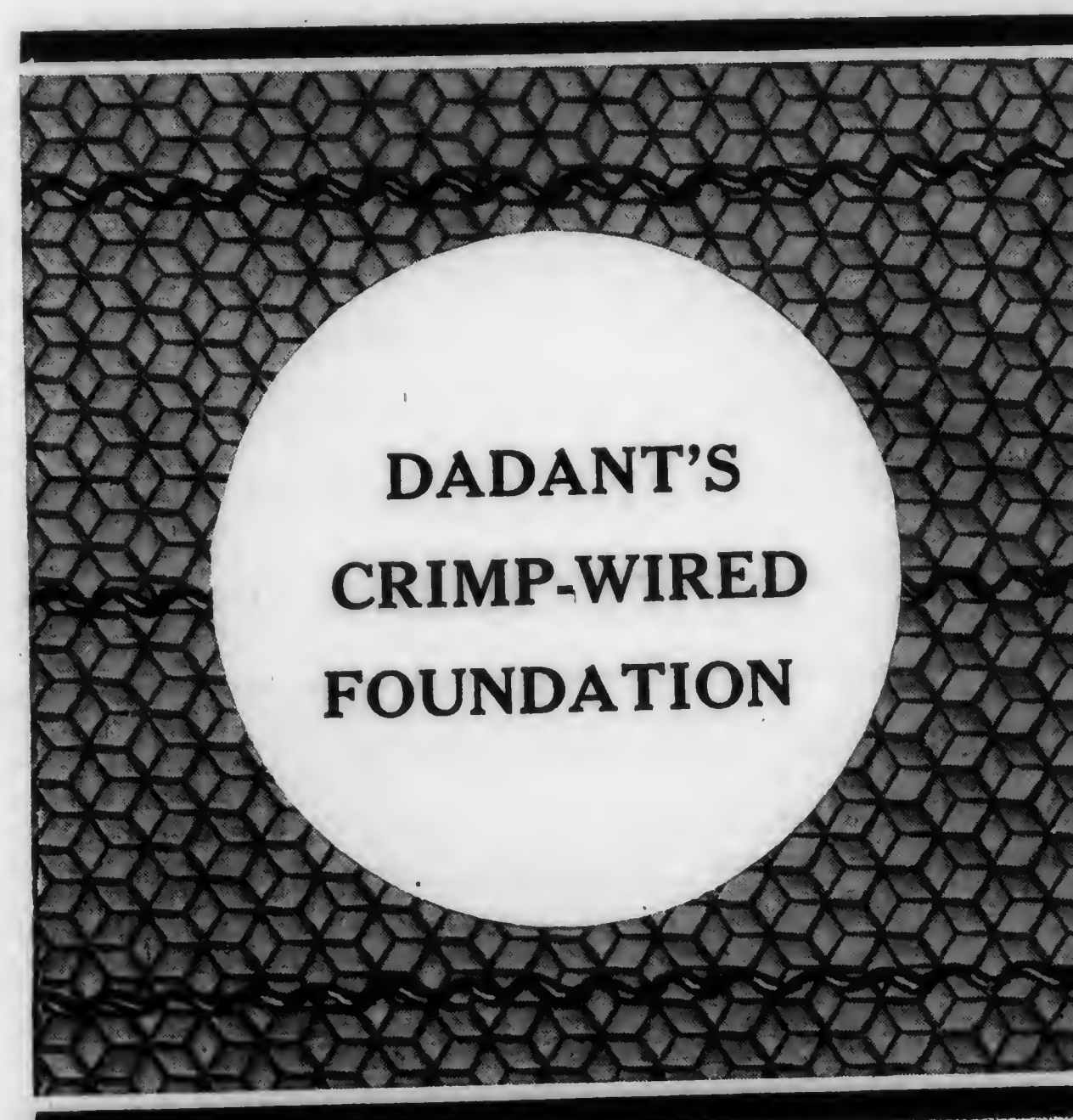
By-Laws of the Pennsylvania Beekeepers Association

ARTICLE I. Section 1. The Executive Committee of this Association shall consist of the elective officers of the Association, the past president and one representative from each affiliated Association.

Section 2. The officers of this Association shall be nominated by acclamation and shall be elected by a majority ballot or a rising vote. If no opposition the ballot shall be cast by the Secretary.

Section 3. The officers of the Association shall be elected at each annual meeting.

ARTICLE II. Section 1. It shall be the duty of the President to call and preserve order in all meetings of the Association and Executive Committee, appoint all committees, call for reports of officers and decide



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upon all questions of order, according to the regular parliamentary usage, and at the expiration of his term of office deliver or cause an address to be given before the Association.

Section 2. It shall be the duty of the Vice-President in the absence of the President to perform the duties of that officer.

Section 3. The Secretary-Treasurer shall keep an accurate record of all transactions of the Association and of the Executive Committee, and shall conduct such correspondence as the President, the Executive Committee, or the Association may direct. He shall receive all monies due the Association and shall make disbursements only upon the order of the President.

ARTICLE III. Section 1. It shall be the duty of the Executive Committee to assist the Secretary in preparing programs for meetings of the Association.

ARTICLE IV. The Association shall mainly be governed by the following order of business:

Prayer. Call of Roll. Reading Minutes of last meeting. Reception of new members. Collection of dues. Secretary-Treasurer's report. Report of Standing Committees. President's

address. Election and Installation of officers. Miscellaneous business. Discussions. Adjournment.

ARTICLE V. The officers of this Association shall cause the Constitution and By-laws to be printed in appropriate form, and every person joining the Association shall be mailed a copy of the same.

ARTICLE VI. Each Affiliated Association shall on or before December 1st of each year submit to the Secretary-Treasurer of this Association a detailed statement of the number of members in said Association Affiliated, the percent gain in number of colonies of bees owned by each member, the number pounds of honey, extracted, comb or both produced by each member during the year. Blanks for the purpose shall be furnished by this Association.

ARTICLE VII. These By-laws may be amended by a majority vote of all the members present at any regular meeting of the Association, provided thirty days written notice embodying the proposed changes shall have been mailed or given each member of this Association.

Signed

H. C. Klinger

Harry W. Beaver

MEMBERSHIP APPLICATION BLANK

Enclosed find \$1.00 for one year's membership in the Pennsylvania Beekeepers Association. Including a years subscription to the Pennsylvania Beekeeper.

Signed

THE PENNSYLVANIA BEEKEEPER



upon all questions of order, according to the regular parliamentary usage, and at the expiration of his term of office deliver or cause an address to be given before the Association.

Section 2. It shall be the duty of the Vice-President in the absence of the President to perform the duties of that officer.

Section 3. The Secretary-Treasurer shall keep an accurate record of all transactions of the Association and of the Executive Committee, and shall conduct such correspondence as the President, the Executive Committee, or the Association may direct. He shall receive all monies due the Association and shall make disbursements only upon the order of the President.

ARTICLE III. Section 1. It shall be the duty of the Executive Committee to assist the Secretary in preparing programs for meetings of the Association.

ARTICLE IV. The Association shall mainly be governed by the following order of business:

Prayer. Call of Roll. Reading Minutes of last meeting. Reception of new members. Collection of dues. Secretary-Treasurer's report. Report of Standing Committees. President's

address. Election and Installation of officers. Miscellaneous business. Discussions. Adjournment.

ARTICLE V. The officers of this Association shall cause the Constitution and By-laws to be printed in appropriate form, and every person joining the Association shall be mailed a copy of the same.

ARTICLE VI. Each Affiliated Association shall on or before December 1st of each year submit to the Secretary-Treasurer of this Association a detailed statement of the number of members in said Association Affiliated, the percent gain in number of colonies of bees owned by each member, the number pounds of honey, extracted, comb or both produced by each member during the year. Blanks for the purpose shall be furnished by this Association.

ARTICLE VII. These By-laws may be amended by a majority vote of all the members present at any regular meeting of the Association, provided thirty days written notice embodying the proposed changes shall have been mailed or given each member of this Association.

Signed

H. C. Klinger

Harry W. Beaver

MEMBERSHIP APPLICATION BLANK

Enclosed find \$1.00 for one year's membership in the Pennsylvania Beekeepers Association. Including a years subscription to the Pennsylvania Beekeeper.

Signed

THE PENNSYLVANIA BEEKEEPER



VOL. 20 NO. 3

SEPTEMBER, 1945

BE PREPARED FOR THE 1946 SEASON. BUY YOUR SUPPLIES NOW. PROMPT SHIPMENT.

Because of shortages in 1945, many beekeepers were disappointed on delivery of supplies. Don't let that happen to you in 1946—ORDER NOW WHILE SUPPLIES ARE AVAILABLE.

No. 14 - 4 fr. Non-Reversible Extractor, Hand Power	\$14.75
10 fr. Wire Queen Excluders, wood bound, 5 or more	each .80
Wire Face Bee Veil	each .80
Bee Escapes	each .12
Smokers, 4x7	each 1.00
2" hive Staples (for moving bees)	per lb. 30c

COMB HONEY SECTIONS.

No. 1 Grade 4 1/4 x 4 1/4 x 1 1/8	per 500	6.60
No. 2 Grade 4 1/4 x 4 1/4 x 1 1/8	per 500	5.90
No. 1 Grade 4 1/4 x 4 1/4 x 1 1/8 split 3 sides	per 500	7.10
Cellophane Wrappers for above sections	per 100 sheets	1.25
Cellophane Wrappers for above sections	per 500 sheets	5.50
1 lb. Glass Honey Jars, packed 2 doz.	per case	1.00
2 lb. Glass Honey Jars, packed 1 doz.	per case	.90
5 lb. Glass Honey Jars, packed 1/2 doz.	per case	.55
10 lb. Friction Top Tin Pails, packed 50	per carton	5.00
5 lb. Friction Top Tin Pails, packed 50	per carton	3.75
Bee Gloves	per pair	.75

COMB FOUNDATION

25 lb. lots Thin Surplus Foundation (following sizes) 3 7/8 x 16	
4 1/2 x 16 3/4 - 4 1/8 x 17 1/4 - 3 1/2 x 14 1/4	19.75
25-lb. lots "Hercules" WIRED brood	18.50
25-lb. lots "Hercules" Plain brood	17.50

Brood Fdn. Sizes 8x16 3/4 or 8 1/2 x 16 1/2

Have you tried our "Hercules" Wired Ironsides Foundation? Without a doubt the best foundation on the market. Don't take our word, try it, see for yourself.

10 Sheets	1.35	Size
50 Sheets	6.50	8 1/2 x 16 1/2 ONLY
100 Sheets	\$12.50	

Terms: Cash with order, f. o. b. Cincinnati

We will buy your Honey and Beeswax and pay the ceiling prices. No lot too large or too small. Write us.

We also render wax from your old comb and cappings and work your wax into comb foundation at a saving in price. Write for our general pricelist.

The Fred W. Muth Company

229 Walnut Street

Cincinnati, 2, Ohio

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PUBLISHED BY DIRECTION OF THE ASSOCIATION

PUBLISHING COMMITTEE

E. J. Anderson, Editor, State College, Pa. | Walter Doud, Mansfield, Pa.
Frederick Hahman, Altoona, Pa. | Adv. Mgr., Harry W. Beaver, Troy, Pa.
E. B. Everett, Allentown, Pa.

OFFICERS OF THE ASSOCIATION

PRESIDENT Roy Herr, Lancaster, Pa.
VICE-PRESIDENT John Hess, Mechanicsburg, Pa.
SECRETARY-TREASURER H. M. Snively, Quakertown, Pa.

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Then too we have felt the absence of a full time Bee Extension man in the field to help out in county organizational work such as we have been accustomed to during the years past.

Frankly, the time has come when the Association needs a proverbial shot-in-the-arm to bring it to good health. This is true from the standpoint of membership and from the standpoint of income.

According to information from our Secretary, some affiliated County Associations have been rather tardy in remitting dues, while others have apparently become completely inac-

tive. Add to this the fact that advertising space in the Beekeeper has been somewhat harder to sell, and the net result is that up to August 25 (the day of our Summer Meeting at Reading, Pa.) our Secretary has been unable to meet two major obligations we assumed at the Harrisburg sessions in January, namely, affiliation dues to the National Federation of State Beekeepers Associations, and our donation to the American Honey Institute.

For the purpose of studying the financial possibilities and the enrollment I have appointed the following Committee on Membership and Finances:

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Mr. Elmer F. Reustle, 2851 Germantown Ave., Philadelphia, Pa.

Mr. Wm. S. Singer, Norristown, RD 3, Pa.

Rev. H. M. Snively (Ex-officio) Secretary-Treasurer.

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25 lb. lots Thin Surplus Foundation (following sizes) $3\frac{7}{8} \times 16$ $4\frac{1}{2} \times 16\frac{3}{4}$ - $4\frac{1}{2} \times 17\frac{1}{4}$ - $3\frac{1}{2} \times 14\frac{1}{4}$	19.75
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mittee. If you have failed to forward current dues will you kindly do so without delay. May I count on you to get at least one new member by the end of the year.

I should like to pass on some information recently made available to members of the Beekeeping War Council as follows:

"Most large consumers of sugar appear to be agreed that there will be no free supply of sugar until 1947. Confectioners are restricted to 50% of their 1941 consumption and it is stated that, if the war had continued, they would have had to submit to a lower quota. Confectioners do not expect an easing in their quotas until next spring.

This probably will have two effects: (1) It is likely that more sugar for feeding bees will not be available

until next year and beekeepers should be advised to not remove too much honey from their bees. (2) The outlook for continued good demand for honey is very favorable for next year."

The Rehabilitation Committee of the National Federation of State Beekeepers Associations in cooperation with the Veterans Employment Service, War Manpower Commission, Washington, D. C., requests that State Veterans Employment Representatives be furnished with a list of beekeepers in each state who would like to have veterans referred to them for consideration.

If you are in position to employ and "Train-on-The-Job" Veterans of World War II, I would urge you to forward your name to our Secretary, H. M. Snavely, 421 Juniper St., Quakertown, Pa., who will include it on

the list to be submitted to William O. Ilgenfritz, Veterans' Employment Representative, 1835 North Third Street, Harrisburg, Pa.

The New Jersey Association recently affiliated with the National Federation with 530 members. That total is exceeded only by Indiana's 800. Congratulations to our neighbor state are in order.

Mr. Glenn O. Jones of Atlantic, Iowa, has succeeded Dr. Milum as Secretary-Treasurer of the Federation effective September 1. I refer you to the September issues of Gleanings and American Bee Journal for a more complete announcement.

The Federation is growing and has a bright future but just as Mr. Jones indicated in a letter recently, that if the Federation is to be of maximum value it must be eventually supported by those whose interests it was designed to serve — the producers, whether they produce by the cup or by the carload, and whether they produce honey or bees and queens. It was to get the full support from within the organization itself that the individual memberships at five dollars were provided at the last annual meeting. There are now less than 500 of these members. The number should be increased to 1,000. Your remittance may be sent to our state secretary or direct to Mr. Jones and you will receive a membership card and the monthly Federation News Letter which you will find interesting.

Unfortunately, travel conditions prevented our having the National Secretary attend our summer meeting. It is the aim of the Federation to encourage and help State, County and Regional Associations to grow and develop strong programs indicated by the conditions within their own areas. At 5c per member there isn't much revenue to offset the expenses involved. A few state associations have submitted their mem-

berships at a higher rate voluntarily — Illinois 422 members at 25c and Iowa 557 members at 50c per member. The Federation should represent all the states and if the 5c affiliation rate were greatly increased I fear some state and county associations might be forced to drop out. More individual members seem to be the solution.

In conclusion I think you will agree that beekeeping has a promising future if beekeepers will rally to the cause. This is no time to coast

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● If you want to establish a permanent and profitable outlet for your honey production — and *continue getting top prices* — you would do well to sell part of your honey crop to H. J. Heinz Company. The makers of the 57 Varieties are now marketing millions of pounds annually and will remain in the honey business after the war.

We need volume — and we pay top prices. Furthermore, we feel that our business and merchandising experience qualify us to help *you* and the rest of the honey industry.

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Or we will render your old combs and slumgum (100 lb. lots or more) into beeswax or work your beeswax into bee-comb Foundation.

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Dadant & Sons - Hamilton, Illinois

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or retreat. If each one of you will do your best, our organization will write history of which you may be justly proud.

Roy H. Herr, President
Penna. State Beekeepers Ass'n

REPORT OF THE ANNUAL SUMMER MEETING

The forty-second annual summer meeting of the State Association was held August 25, in Egleman's Park, at the top of Mt. Penn, Reading, Pa. The day began with rain, but cleared before noon. A large crowd gathered together by the time President Roy H. Herr called the meeting to order at 10:30. Mr. Jack Davis was called upon and gave the beekeepers a very hearty welcome to Reading and Berks County. The rest of the program was followed as printed in the Pennsylvania Beekeeper. Our guest speaker from out of state was Mr. Robert Filmer of Trenton, New Jersey. Mr. Filmer discussed the research work in New Jersey as it referred to seasonal management. The noon lunch was supplemented with coffee, lemonade and honey ice cream, all furnished by the Berks County Beekeepers Association. They served it in excellent style too, since they employed professional catering for this service. Honorable mention

should be given to Mr. George Barby of Reading who furnished entertainment for the crowd during the lunch hour, and also provided an amplifier for the speakers, which was very much appreciated. Of course, we should not forget the untiring effort of the Berks County Association and the County Agent, Mr. Adams, his assistant, Mr. Moon, and Director of Home Economics, Miss Criss.

It was a little hard to get started on time after dinner, due to at least two things: (1) beekeepers like to visit, hence it's hard to stop their buzzing when they get together; (2) the well filled baskets which were emptied plus refreshments served made many a little inactive for a time. The cool weather, however, kept the audience from getting too drowsy on a full stomach.

We were glad to have the Hon. Miles Horst, Secretary of Agriculture, with us. He gave us some helpful suggestions concerning the industry for the future. We appreciate the cooperation of his department. The question of disease is always a pertinent one, and Mr. H. B. Kirk gave a report of inspection work in Pennsylvania for 1945. Mr. E. J. Anderson in charge of the research work in beekeeping at the college revealed some interesting findings of the past few years. It is certain from his discussion the the Dept. of Research at

the College is a boon to better beekeeping. Miss Criss, Home Economics Director, gave a helpful discussion of honey recipes.

Following the speakers' program, there were some exciting contests. The list of prizes was not, however, as large as in former years. The prizes were contributed by the A. I. Root Company, Dadant & Sons, Paul Ziegler, and some of the local firms of Reading. There was also a smoker which was contributed by Walter Schell, Inc., Harrisburg. This smoker had been held over from last year. Schaeffers Seed House, Inc., contributed a complete hive. We acknowledge these donations with appreciation.

President Herr gave an interesting report of the National Meeting in Chicago last winter. The next meeting is temporarily planned for January 1946. The Federation of State Beekeepers' Associations is growing, according to a report from its secretary, and individual beekeepers can now join the organization for \$5.00 a year.

An appeal was made to the association officers to protect beekeepers in areas where DDT is used on flowering plants. The following resolution was passed:

"That the Pennsylvania State Beekeepers' Association go on record asking the Secretary of the Department of Agriculture, and the proper authorities at the Pennsylvania State College, and the County Agents, to give the use of DDT, or other insect destroying agencies proper consideration so the harm that may be done by them to bees and the beekeeping industry, as well as to other useful insects that pollinating flowers may be reduced to a minimum. The motion was made by Mr. Elmer F. Reustle, which received proper support by second, and was unanimously passed.

Note: The secretary wrote letters to all those mentioned in the resolution, and also to the Mosquito Extermination Commission in Delaware County, and received replies from all these agencies. In each case they expressed their earnest desire to cooperate with the bee industry, and




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Quantity limited. Will serve you as best we can. Write us your needs

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CRENSHAW COUNTY APIARIES, Rutledge, Ala.

also pledged their concern and interest in the protection of the bees. Experiments are now being made with the insecticide to determine the effect on the bees. Reports will, no doubt, be given when a thorough investigation has been made. Work is also being done along this line in the Research Department of the College of which Dr. Lininger is the director, and E. J. Anderson is working on the various subjects related to beekeeping.

The attendance was not quite as large as the year before, but the interest was good and all had a good time. The Berks County Association was on the job and did everything they could for our comfort and for the success of the meeting. Their Secretary, Warren K. Boyer, was in charge of registration and during the day received thirty-four membership dues for the State Association. A few out of county and state dues were also received which made a total of forty memberships for that day.

H. M. Snively, Secretary
421 Juniper Street
Quakertown, Pa.

THE SULFA DRUGS

Sulfathiazole, as a cure for A. F. B., is being discussed to a considerable extent in the bee journals. Most of the articles give this drug a very high recommendation and indicate that it is the solution to our disease problem.

There is no doubt that this drug inhibits the growth of A. F. B. spores and will cure at least temporarily a bad case of A. F. B. The drug must be given in time, however, while the colony still has time and young bees enough to clean out the diseased material and build up strength for winter. The writer has cured several colonies and produced considerable surplus honey on treated colonies the same year (1945). The sulfa drug was given the colonies early in the season. Some colonies treated later in the season were unable to recover and died out.

The one remaining and extremely important question is, "Will the colonies remain free from A. F. B.", or is the disease temporarily halted only to reappear as soon as treatment ends for a few months. This question has not been fully answered as

yet but is being worked upon as part of the research program at the Penn State College.

The bacteria causing A. F. B. are not destroyed by sulfathiazole but continue in the hive in areas of sealed honey, pollen. The isolated bacteria constitute a possible source of reinfection later when all the sulfa drug has been consumed. It would seem that all equipment in the apiary would eventually become contaminated with A. F. B. If this is the case the entire yard will be destroyed by A. F. B. at any future time when treatment with sulfa drugs is stopped. The writer is checking a number of colonies to learn how serious this possibility may be, hoping of course that eventually the A. F. B. will be completely cured.

It will be recalled that all previous treatments for A. F. B. such as shaking, formaldehyde, and chlorine, cured the disease temporarily but did not prove a permanent or profitable

cure. The writer believes the beekeepers should go slow with the use of sulfa drugs until they have been given a complete test in the laboratory and in the field. The value of the drug will be thoroughly checked at the College and the results given to the beekeepers when they are complete.

COLLEGE SHORT COURSE IN BEEKEEPING

A short course in beekeeping will be offered to beekeepers of Pennsylvania during the month of January. The course will cover all phases of beekeeping management from spring to fall. It will provide also a detailed discussion of American Foulbrood, Nosema and other diseases of the honeybee. Actual living material will be used in so far as conditions permit. Honey extracting, bottling and queen rearing will be given brief consideration.

There must be at least five regis-

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1120 COLLEGE AVE., ELMIRA, N. Y.
BEE SUPPLIES—BEST QUALITY
(Lewis Woodenware and Dadant's Foundations)
BIG STOCK—QUICK DELIVERY anywhere N. Y. State or Penna.

FOR SALE: Fifty (50) colonies of bees in standard 10 frame hives. All have 2 to 5 supers on them. Practically all new Lewis, Dadant and Root equipment. Certificate of inspection furnished.

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We are distributors, therefore are in position to give factory prices to Bee Keepers, Associations and Dealers. Write for a **ROOT BEE CATALOGUE** if you do not have a copy. And if you have a garden or farm ask also for a copy of our Seed Catalogue—both are free.

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Quality Seeds

Tenth and Market Sts.

HARRISBURG, PA.

CENTRAL PENNSYLVANIA'S LARGEST SEED STORE

tered for the course. If you are interested, it would be well to write Edwin J. Anderson, 12 Frear Lab., State College, and make reservations early.

Don't forget the winter meetings in Harrisburg in January.

OUR FINANCIAL STATUS

You will observe from the president's statements that the State Association has been losing ground financially during the past year or two. Our membership is way below what it should be which accounts for a considerable part of the loss in revenue. Our obligations have, on the other hand, been increasing during this same period of time.

The question naturally arises as to what should be done to remedy this adverse condition. It would seem to the editor that the one step of greatest value would be a concentrated effort or drive on the part of the association (its officers and committee members in particular) to increase the membership. The same holds true for county associations. If affiliated membership were brought to the high level in the counties that it

should be or even as high as it was a few years ago, the income would take care of all normal obligations.

If two thirds of the counties of Penna. had active associations affiliated with the State Association, the membership would be sufficient. It is fortunate indeed that an industry as large and important as the beekeeping industry of Pennsylvania can not amply support a state wide organization. One county association, the Montgomery County Association, has voted to donate \$10.00 to assist the State Association. This contribution is much needed and much appreciated. It is hoped that other associations will do likewise if their treasury permits. This assistance will not, however, solve the problem permanently since a normal annual income of sufficient size is necessary to put the association on a firm foundation.

There are other means of raising the income of the State Association, a second would be to increase the dues of individual members of county associations from \$.50 to \$.75. The county associations could add to the \$.75 the amount needed to carry on their respective activities. Seventy

five cents is not a high figure when one considers the expenses of the State Association namely: (1) publication of the Pennsylvania Beekeeper, (2) expenses of out of state speakers, (3) some compensation and travel expenses of the secretary, (4) postage, (5) expenses of one delegate to the national meetings, etc.

We can't afford to sit by and let the State Association fail. If we are to protect our interests to any degree at all we must have a strong state organization to speak for the industry when necessary. Without a State Association we would be in danger of losing much of the money spent for inspection, also legislation to protect the industry as well as the work at the College. If this were to happen nobody could be criticised for the loss but the beekeepers themselves. Certainly public funds should not be spent for an industry that does not have its own interests at heart.

The first step to relieve the strain on the Association treasury should be for all County Associations to build up their membership and that of the State Association. If this is done on a large enough scale additional finances may not be necessary. Without such help, the State

Association will have raised its dues or find other means of increasing its income.

This problem is one that requires careful thought and active support by all who have the interests of the State Association at heart.

CENTER COUNTY NOTES

By E. J. Anderson

We enjoyed a good flow from clovers and some wild flowers during July and part of August. Since then, however, there has been no nectar available to the bees. Many brood chambers are nearly empty and considerable feeding will have to be done to avoid heavy winter losses. The flow from wild asters has been a complete failure. This is the first time this has happened in Center County during the last ten or twelve years. It is a bad time for this to happen when sugar is very difficult to obtain.

Queens have stopped laying early again this fall. This means that colonies will be short in young bees for winter with little prospect of brood being reared later this fall because of limited food supplies. Prospects are not good for successful wintering.

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Syracuse, N. Y.

In Elk and other northwestern counties, there has been only a fair fall flow. Many colonies swarmed in September, making parent colonies very weak and in poor condition for winter. Winter losses may be heavy in this section of the state also. Weak colonies should be united now in preparation for winter.

The honey markets are still active even though not as rushing as they were a month earlier. Markets will remain active as long as sugar continues off the market.

CUMBERLAND COUNTY NOTES

By John H. Hess

The honey situation in Cumberland seems to be largely decided by the weather lately. The indications have been and are still for a nice flow (Oct. 1st) if we could have about two weeks of nice weather. It looks as the time the weather adjusts itself though the flowers will be gone by suitable for the bees to do their best.

During the past week the bees did get in several days of good work but I am afraid that the honey gathered will be used for food rather than surplus.

It is possibly for the best that the flow is not heavy since the fall honey which is produced in this section does not come up to the standard which we endeavor to supply to the trade. On the other hand, the demand for honey is such that today it is possible to sell honey which in previous years it was nearly impossible to get rid of. After using some of the imported honey which has been on the market, our fall honey should not seem so bad to some customers.

I would be glad to find out how many of the beekeepers in this state have sold their honey at ceiling prices. I should rather have said beekeepers in the United States. It is my honest opinion that very little honey is being sold by the beekeep-

ers to the dealers and bottlers today at the ceiling price. There is much to be said on both sides of this question but I am afraid that there are many large consumers of honey that are going to forget about honey in the not too distant future. The beekeepers will again have to do his best to sell his honey. Many people are using honey today on the table because of sugar shortage who have never used it before and I hope they have found it to their liking and will continue to use it. It is possible that enough new users of honey have been introduced that the industry will not have to depend to as great an extent on the commercial outlets as it has in the past. I sincerely hope so because I feel that we have lost or will lose a large outlet for our honey by the shortsighted policies which have been in force.

P. G. CRADDOCK TO ARRIVE NEXT MONTH

Mr. P. G. Craddock, of Tifton, Georgia, is expected to arrive in Pennsylvania the first of November and begin his assignment as extension specialist in beekeeping. It has been some time since there has been

an extension representative in Pennsylvania, and the beekeepers will be glad to welcome Mr. Craddock and have him continue with the many phases of the work that need attention at the present time.

Mr. Craddock has had experience in both extension and research work in Georgia. He also has some knowledge of beekeeping conditions in Pennsylvania, since he worked for Harry Beaver for one summer before returning to the south in a professional capacity.

BRADFORD COUNTY NOTES

By Harry W. Beaver

Another honey season has drawn to a close. We can report the largest colony yield since the big yield of 1918. Clover was truly wonderful in abundance for this locality, as we do not as a rule have much clover. The lime that the farmers have been sowing is the main contributing cause of the profuse clover. Back in the teens during world war I when farmers sowed lots of lime, we had rich bee pasture till the depression when farmers thought they could not afford to sow lime. Then clover went out and dairymen paid out many times the cost of lime

Pettit's Package Bees with Queens

We have been shipping package bees for twenty years—to Pennsylvania most of that time.

Of late we have had to disappoint some who did not order early, as our supply is limited by what our hives can produce.

Customers like our bees and our service, and keep coming back earlier each year.

**Best young queens
No drones
New Cages**

**Gentle Italians
Hard workers
Safe arrival**

Better Book Orders right away, subject to agreement on prices when announced.

**WE SPECIALIZE IN THREE-POUND PKGS. FOR PROMPT
SHIPMENT**

MORLEY PETTIT Tifton, Georgia

WE SELL BEE SUPPLIES BY

A. I. ROOT CO.

EXCLUSIVELY

SCHAEFFERS SEED HOUSE, Inc.

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"The Best of Everything for the Garden"

Again we offer Hollopeter Reared Italian Queens

We select the best honey producers from each apiary, bring them in to queen rearing yard and breed from the best honey storers which are all right in other respects. Untested queens ready around May 20th depending on lateness of spring. Untested queens until June 15th. Each \$1.50.

WHITE PINE BEE FARMS

Rockton Pa., L. B. 180

for high protein feeds and bees had to hustle for a living till buckwheat bloom.

Bee condition: Altho there was lack of goldenrod honey, our bees, with few exceptions, are in tip-top condition for winter in young bees and honey. We expect to begin packing next week, i e. about the 24th.

Honey sales have been lively, to say the least. Orders by mail keep coming in from people of whom we have never heard. They will say, so and so says it is the best honey they ever ate, send me a pail. I have heard some beemen say anything goes now but now, as never before, is the time to sell good stuff, for that will hold your customers when sugar is plentiful again. If a customer gets bit with poor honey, he is apt to fight shy of that producer or

packer forever, or at least till he forgets.

I have a bottle of honey that I purchased in Louisiana several years ago. I have not eaten it yet. Occasionally I take it down and smell it just to see how vile some honey can be and still be sold.

Yes, we will continue to pack our bees in heavy packing till we find something better! Last spring the bees in these cases did not begin to breed till the warm spell in March and so most of the colonies did not use up all their honey, tho I did have to feed five apiaries that did not get goldenrod honey the fall before.

Well gas rationing is over forever, we hope, and we are casting longing eyes toward the sunny south, which we hope will be a reality this winter.

ROOT
BEE
SUPPLIES
LARGE
STOCK

92 YEARS A HARDWARE STORE
J. M. STEWART & CO.
Indiana, Pa.

Distributor for Indiana, Cambria and Armstrong Co's

Lewis
BEEWARE

FLOYD H. SANDT

—Dealer In—

LEWIS QUALITY BEE SUPPLIES AND
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R. D. 2 24 Hour Service EASTON, PA.

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Established 1903

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Our service will be the best possible under prevailing conditions. Orders will be booked and filled in rotation. Booked to capacity for package bees this season.

QUEENS \$1.00 EACH

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THE PENNSYLVANIA STATE COLLEGE

THE PENNSYLVANIA BEEKEEPER



VOL. 20 NO. 4

DECEMBER, 1945

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BUY YOUR SUPPLIES NOW!
PROMPT SHIPMENT**

Because of shortages in 1945, many beekeepers were disappointed on delivery of supplies. Don't let that happen to you in 1946—ORDER NOW WHILE SUPPLIES ARE AVAILABLE!

No. 14 4-fr. Non-Reversible Honey Extractor (hand power).....	\$14.75
10 fr. size Wire Queen Excluders, wood bound, 5 or more.....each	.80
Wire Face Bee Veils .....	.80
Bee Escapes .....	.12
Smokers 4x7"	1.00
2" Hive Staples (for moving bees) .....	.30
5-10 fr. 1 story Metal Covered Hives	14.75
100 Hoffman Brood Frames	5.05
1 lb. Glass Honey Jars, packed 2 doz. ....per case	1.00
2 lb. Glass Honey Jars, packed 1 doz. ....per case	.90
5 lb. Glass Honey Jars, packed ½ doz. ....per case	.55
10 lb. Friction Top Honey Pails, packed 50 ....per case	5.00
5 lb. Friction Top Honey Pails, packed 50 ....per case	3.75
Bee Gloves .....	.75

COMB FOUNDATION

25 lb. lots Thin Surplus (following sizes):	
3 7/8x16 - 4 1/2x16 3/4 - 4 1/8x17 1/4 - 3 11/16x14 1/4	19.75
25 lb. lots "Hercules" WIRED Brood, 8x16 3/4 - 8 1/2x16 3/4	18.50
25 lb. lots "Hercules" Plain Brood, 8x16 3/4 - 8 1/2x16 3/4	17.50
Brood foundation sizes 8x16 3/4 or 8 1/2x16 1/2	

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10 sheets—\$1.35 50 sheets—\$6.50 100 sheets—\$12.50

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TOO SMALL. WRITE US.**

We also render wax from your old comb and cappings and work your wax into comb foundation at a saving in price.

SEND FOR OUR MONEY SAVING PRICE LIST

The Fred W. Muth Company

229 Walnut Street

Cincinnati, 2, Ohio

The Pennsylvania Beekeeper

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F. Frederick Hahman, Altoona, Pa. Adv. Mgr., Harry W. Beaver, Troy, Pa.
E. B. Everett, Allentown, Pa.

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PRESIDENT Roy Herr, Lancaster, Pa.
VICE-PRESIDENT John Hess, Mechanicsburg, Pa.
SECRETARY-TREASURER H. M. Snively, Quakertown, Pa.

**THE 43rd ANNUAL MEETING OF THE PENNSYLVANIA
STATE BEEKEEPERS' ASSOCIATION**

Room 321, Education Building, Harrisburg, Pa.

January 23 and 24, 1946

Wednesday Morning 9:30 to 12:00

Meeting called to order by the President, Roy H. Herr, Lancaster, Pa.

Invocation—Rev. Leonard E. Good, Mt. Holly, New Jersey.

Address of Welcome—Hon. Mr. Miles Horst, Secretary of Agriculture, Harrisburg, Pa.

Inspection Program for Pennsylvania—Harry B. Kirk, Senior Entomologist, State Department, Harrisburg, Pa.

Sulfa Drugs and American Foulbrood—E. J. Anderson, Prof. of Agriculture, State College, Pa.

Research in an Atomic Age—Dr. Fred F. Lininger, Director of Agriculture Experiment Station, State College, Pa.

The Program of the National Federation of State Beekeepers' Associations—Glenn O. Jones, Secretary-Treasurer, Atlantic, Iowa.

The Need for Greater Organization—A. D. Hiatt, Field Representative for G. B. Lewis Co., Lynchburg, Va.

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Bees and Orchard Pollination—Garnet G. Gillan, St. Thomas, Pa.

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Wednesday Evening 6:30

BEEKEEPERS' BANQUET

Colonial Park Evangelical and Reformed Church

(The church is located three miles East of Harrisburg on Route U. S. No. 22, known as the Jonestown Road. The church is on the North Side of the Highway.)

Turkey Dinner \$1.50.

Special Vocal Music—Messiah Bible College Male Quartet, Grantham, Pa.

Toastmaster—A. D. Hiatt, Lynchburg, Va.

Pictures From Research Dept. State College—E. J. Anderson.

Color Pictures of 4-H Bee Club Activities—Russell M. Smith.

Thursday Morning 9:30 to 12:00

Reports of Committees.

Greetings From Visitors and Supply Representatives.

What the Future Holds for Our Industry—A. D. Hiatt, Lynchburg, Va.

New and Better Honey Plants—Glenn O. Jones, Atlantic, Iowa.

Some Experiences in Beekeeping in the South—P. G. Craddock, State College.

Some Results of DDT With Honey Bees—E. J. Anderson, State College.

Report of Resolutions Committee.

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Before you order packages go to your Express Company and check your express rates. Let us save you money.

To avoid the rush and to avoid the risk of not getting your bees and queens next Spring.

Let us hear from you. We are booking orders NOW for package bees and queens for Spring shipment.

GOOD WEIGHT PACKAGES

GOOD QUEENS OUR SPECIALTY

Same terms, subject to later revised prices.

Guarantee safe arrival. Certificate of health with each shipment.

TANQUARY HONEY FARMS, INC.

L E N A, S. C.

THE FARM SHOW PROGRAM

FOR 1946

H. M. Snavely, Sec. - Treas.

Now that the war is over we should be looking forward to a larger attendance at the Winter meeting in January. We have endeavored to make up a program that will meet the needs of all beekeepers; whether 4-H Club boys and girls, back-lot beekeeper or the large commercial beekeeper. The men who will appear on the program are experienced in all phases of the industry. If possible we should have some boys and girls who are interested in vocational or 4-H Club beekeeping, during the afternoon of Wednesday and evening when Mr. Russell M. Smith gives his talk and shows his pictures. I believe that those who wish to attend can get an absence from

school by contacting their teacher or superintendent. The whole program is made up from a really agricultural and educational standpoint.

We are happy to have Dr. Fred F. Lininger, Director of Agricultural Experiment Station, at State College, to address us, and with the results from the research which is carried on by Professor Anderson these discussions will be extremely important and helpful. There will be another man from State College this year who has not appeared on our programs before this; and that is Mr. P. G. Craddock, Extension Apiarist, who began his work in the State the beginning of November.

Our industry is growing as well as our organization, and with our affiliation with the National Federation of State Beekeepers' Associations we

BEESWAX WANTED

For Making Into

Dadant's Famous Foundations

Wired Brood — Plain Brood Surplus

We are still paying ceiling prices—Cash or trade for good, clean beeswax. Credit through your nearest Lewis-Dadant Dealer if desired.

Or we will render your old combs and slumgum (100 lb. lots or more) into beeswax or work your beeswax into bee-comb Foundation.

Prices, shipping tags and particulars on request.

DADANT & SONS - HAMILTON, ILLINOIS

Publishers American Bee Journal, 1 year, \$1.00; three years, \$2.00

are reaching other parts of the nation with helpfulness. For the past several years we have had representation at the national meetings; and we were among the first state organizations that made up the new national organization. It is therefore a great privilege and opportunity to have at our meeting the Secretary-Treasurer, Mr. Glenn O. Jones of Atlantic, Iowa, who will give us further information on the work of national importance to the beekeeping industry. Mr. Jones will speak twice during the two days. No doubt many beekeepers will want to become affiliated with the work of the national organization.

There will quite likely be representatives here from several supply companies; and we always receive much benefit from them, and so invite them, however, the one from Virginia will serve as the toastmaster for the banquet. We are sorry that we had to go outside of the city for the banquet this year. Certain conditions made it

impossible for the group that served us last year to do so this year. We believe that there will be a way for everyone who does not have a car so that no one will need to travel on the bus. If it is possible it would be a good thing to notify the secretary if you are planning to attend the banquet so that we can more nearly give an estimate of the number before the date of the meeting.

Plan to attend the 1946 annual meeting and make reservations early. If you want hotel reservations you can obtain some held for the Harrisburg Chamber of Commerce, Harrisburg, Pa. We'll look for you in January.

FACILITIES AT STATE COLLEGE

A report by the Research Committee on Investigations made at State College in October of 1945

On October 20, three representatives of the Research Committee—President Roy H. Herr, Mr. H. W. Dennis, and I, made a trip to State College, to meet

Dean Fletcher of the School of Agriculture, and Dr. Hetzel, President of the College. Mr. Herr arranged these with Dr. Lininger, Director of Agricultural Research, so that the beekeepers could find just how they stood in the developing plans for teaching apiculture and expanding the research program.

We first inspected the quarters now lent to the work by the Department of Dairy Husbandry. While these are fairly commodious, we find them unsatisfactory for class use, lacking in proper space for fumigating and storing combs, too close to much used areas to be satisfactory for work which will necessarily attract many bees at certain times of the year, and worst of all, apt to be recalled by the Dairy Husbandry people very shortly. We found, though, that Prof. Anderson was doing very well despite the difficulties.

Having heard that the State Legislature has appropriated about seven millions of dollars for new buildings and historical monuments in the state, we interviewed Dr. Lininger and Dean Fletcher to see if there was any possibility to get the new apiculture building which has been projected for the last several years, plans for which have been approved by the Research Committee, the State Association, some of the county associations, and the Pennsylvania State Council of Farm Organizations. We found Dr. Lininger sympathetic, and Dean Fletcher somewhat so, though he explained that the first building to be constructed would have to be a Plant Industries one. If any money remained from this present appropriation, he promised that it would be used for the Apiculture building.

The Committee then went to President Hetzel at the appointed hour

(11:00 a. m.) and submitted its request for consideration for a building. We felt that our case was good, and was strengthened by an excellent set of recommendations which the Montgomery County Association had drawn up and given to us in triplicate. We are forced to state regretfully that we got little encouragement from Dr. Hetzel. He said that plans for the next twenty years included our building, but could

PROFITABLE OUTLET FOR HONEY!

● If you want to establish a permanent and profitable outlet for your honey production—and continue getting top prices—you would do well to sell part of your honey crop to H. J. Heinz Company. The makers of the 57 Varieties are now marketing millions of pounds annually and will remain in the honey business.

WE NEED VOLUME—AND WE PAY TOP PRICES. Furthermore, we feel that our business and merchandising experience qualify us to help you and the rest of the honey industry.

LET'S GET TOGETHER!

Write Us Today

H. J. HEINZ COMPANY

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1120 COLLEGE AVE., ELMIRA, N. Y.

BEE SUPPLIES — BEST QUALITY

(Lewis Woodenware and Dadant's Foundations)

BIG STOCK—QUICK DELIVERY anywhere N. Y. State or Penna.



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Quality Bee Supplies Factory Prices
Prompt Shipment from Stock
Satisfaction Guaranteed

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Manufacturer of Bee Supplies

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not be induced to say just where in the long list of needed structures ours would be placed. We fear that he has it far down in order of priority. It is apparent that though the Agricultural Research Director sees the importance and need for a building, neither the Dean of the School of Agriculture nor the President of the College is so well informed.

We regard it as unfortunate that in a state with so many liberal arts and technical colleges as Pennsylvania has, some branches of agriculture are being slighted to expand facilities which overlap with or duplicate those in other colleges and research institutes. We recommend that our associations give serious consideration to this point. Though beekeeping is in itself in a relatively minor position in Pennsyl-

vania agricultural interests, it is a key activity in seed and fruit production, and its indispensability is becoming more apparent each year. We fear that if our state does not give us the requisite support in Harrisburg and State College, we shall be obliged to turn to the Department of Agriculture at Washington, where we are heard more sympathetically. We deplore this alternative, and will turn to it reluctantly, if we are compelled to.

Respectfully submitted,
E. B. Everitt, Chairman
Research Committee

(Note; the above report does not portray fully the attitude of Dean Fletcher regarding the need for an agriculture building. All previous conversations indicated that he appreciates the need for such a building. Ed.)

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A. I. Root Quality Bee Supplies

We carry large stocks and our Bee Supply Department is in charge of a Bee Expert.

We are distributors, therefore are in position to give factory prices to Bee Keepers, Associations and Dealers. Write for a ROOT BEE CATALOGUE if you do not have a copy. And if you have a garden or farm ask also for a copy of our Seed Catalogue—both are free.

Walter S. Schell, Inc.

QUALITY SEEDS

Tenth and Market Sts. - - - HARRISBURG, PA.
CENTRAL PENNSYLVANIA'S LARGEST SEED STORE

ONE WEEK SHORT COURSE

By E. J. Anderson

A week's short course in beekeeping is planned for this Summer for any beekeepers wishing to brush up on management problems. The College equipment and apiaries will be available for use in class work. Spring management, swarming and Fall management will be discussed as well as other phases of comb and honey production and extracted honey production. Queen rearing and disease control will be demonstrated in the apiaries.

The most favorable time for such a course has not been determined as yet. Suggestions as to a time that suit the largest number of beekeepers will be appreciated. Any other suggestions that will help make the course a success will be greatly appreciated.

REGARDING THE RESEARCH BUILDING

The following is a copy of the resolution passed this Fall at the regular meeting of the Montgomery Co., Bee-

keepers' Association. It shows the need for a building for beekeeping research at the College and indicates the support of the Montgomery Co., Association for the project.

COPY

Whereas, the present quarters of the Research Department in beekeeping in the Dairy Department building at Pennsylvania State College are not only woefully inadequate, but will necessarily be required by the Dairy Department when the student body again becomes normal and,

Whereas, many branches of agriculture, such as fruit growing, vegetable growing, legume growing and the production of seeds generally, are benefitted by the activity of bees and,

Whereas, the beekeeping industry in Pennsylvania represents the interests of 30,000 people who own from one to one thousand colonies of bees each, producing in excess of 5,000,000 pounds of honey annually and,

Whereas, the control of wax moth and conducted in extracting, processing,

Northern Grown Italian Queens

READY JUNE FIRST

PRICE 90c EACH

MERLE P. FISHER

Granville, Mifflin Co., Penna.

Address: Jan. to May, Clearwater, Fla. - May to Jan., Bethel, Penna.
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Our service will be the best possible under prevailing conditions. Orders will be booked and filled in rotation. Booked to capacity for package bees for the season of 1946.

storage of honey, breeding of better bees, building of more easily handled hives, etc., and,

Whereas, the control of war moth and the elimination of disease require special isolated quarters for fumigating combs and equipment, therefore be it, Resolved, that the Montgomery County Beekeeping Association urges the construction and equipment of a building for the purpose of doing research work and advancing apiary management in Pennsylvania. We believe that the building or buildings should be constructed with a view to future developments insofar as they can be anticipated, and particularly that the location should be convenient for the moving of colonies of bees from the apiary to the building, and vice versa. We further recommend that the

buildings of O. A. C. College, Guelph, Ontario, and other colleges used for a similar purpose, should be inspected prior to the adoption of definite building plans. Also we recommend that Professor E. J. Anderson of the Faculty of Pennsylvania State College, who is generally recognized as the best authority on Pennsylvania beekeeping conditions, should be consulted in connection with these plans, and be it further,

Resolved, that a copy of these resolutions be forwarded to Doctor Ralph D. Hetzel and to Doctors Fletcher and L'ninger, of Pennsylvania State College.

Montgomery County Beekeepers' Asso.
William G. Singer, Secretary
R. D. 3, Norristown, Pa.

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MORLEY PETTIT

Tifton, Georgia

The following article was taken from the Illinois State Association Bulletin and indicates their thought regarding National dues. It also indicates a large State membership and a goal for Penna., to work towards. Our membership is far too low.

STATE MEMBERSHIP AND THE NATIONAL FEDERATION

The National Federation of State Beekeepers Association with which the Indiana State Beekeepers' Association is affiliated has been doing some fine work for the beekeeping industry. Our members who take and read the bee magazines should be more or less familiar with the activities of this national organization. Our State Association membership has reached an all time high but we are always ready to accept new members. Our Association is growing. Part of this is due to the increased interest in bees and honey during the war period, part is due to the fact that we give our members something for their money, and part because most of our deputy state in-

spectors talk it up finding that these monthly letters are of interest and help to the small beekeepers of Indiana. Another thing that makes our state membership the largest in the United States is the fact that we have kept our membership fee so low (merely 50c per year) so that small beekeepers can afford to belong. Perhaps we have always paid more attention to the small or amateur beekeepers and expect to continue to do so. The small producer of today becomes the large commercial producer of tomorrow. We feel that this is a matter of policy that we must follow to keep the industry alive and other states will do well to consider. We, therefore, oppose the proposal of the National Organization to require for membership a per capita fee of 25c per member (half of the annual membership fee now collected by Indiana) to keep in good standing in the National Association. It does seem manifestly unfair to Indiana which will have but one vote for its 1,000 members to be put on a par with

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"backward" states who get under the wire by the payment of a paltry \$5 or \$6. An national association that isn't worth putting in more than \$5 or \$6 is hardly worth its existence. This is a matter that must be considered at our Annual Meeting. Members should be thinking about it. Also, maybe the officers of the National Association had better reconsider what they are about to do in this matter. Personally, I think that no state association should consider kicking in less than \$25 per year to the National Association but assessing Indiana \$250 per year is something else again, especially when we are only on a voting par with the \$5 or \$6 state. Secretary-treasurer, Glenn O. Jones, of the National Feder-

ation and its other officers, please to take notice.

—0—
**A FULL SEMESTER COURSE TO
BEGIN NEXT MONTH**

By E. J. A.

A regular course in beekeeping will be offered at the Pennsylvania State College this Spring. This will be the first time since the Spring of 1924 that students at the Penn State College will be able to study beekeeping. The new course will begin during the first week of March and continue through the Spring semester. It will be recalled that a series of courses in beekeeping were taught by the writer for three

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and one half years while a student at the College. These courses began in February of 1921 and continued until June 1924 when they were discontinued when the writer went to Cornell to take up graduate work under Dr. Phillips. It is encouraging to know that beekeeping will again be taught as part of the regular agriculture program at the College.

—0—
**MR. CRADDOCK IS NOW WORKING
IN THE STATE**

Mr. P. G. Craddock arrived at the College on November 1st., and has been busy getting acquainted and renewing his knowledge of beekeeping conditions in this State.

Mr. Craddock is well qualified to carry on the extension bee work in Pennsylvania, because of the wide scope of his experiences and training. He has worked with Harry Beaver and managed

a large apiary in the South, hence he has had considerable practical experience. He has also been engaged in both extension and research work in the South in the states of North Carolina and Georgia.

Mr. Craddock has already attended some meetings in Penna., so is well on the way to becoming acquainted with our beekeepers. We hope he likes the work, stays with us, and does a good job.

—0—
The Song Of The Lazy Farmer

I like that old-time farmin' wheeze—"no food for man without the bees"—because it gives a rural fact which many text-books often lacked. You might invest in costly bull and think it gave your herd a pull for records high and plenty beef, and yet your scheme would come to grief unless the blossoms of the plants made seed

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the grass crops to enhance. For nothing in the livestock line could long survive a quick decline in pastures, meadows and legumes where bees are busy on the blooms. And most of our old orchard fruit is set by that same buzzing route, and it would leave our storehouse bare without the bees to busy there. The little bee is nature's link betwixt mankind and plants, I think.

Most honey men are gentle guys who handle bees with methods wise and hafta know a lot of lore and keep on learnin' more and more. I never had

the patience quite to wear a hood and smoke 'em right, and all their knowledge startles me, it's almost super-duper, Sée? But I've got all the sense it takes to spread sweet honey on my cakes, a-know'n' that the buckwheat flour could never be without the power them insects has to fertilize while huntin' nectar busywise. And how I love to take a nap a-sittin' in old nature's lap beneath the bloomin' apple boughs and hear them honey bees carouse. I'd almost stand and let 'em sting before I'd lose them bees, by jing!

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